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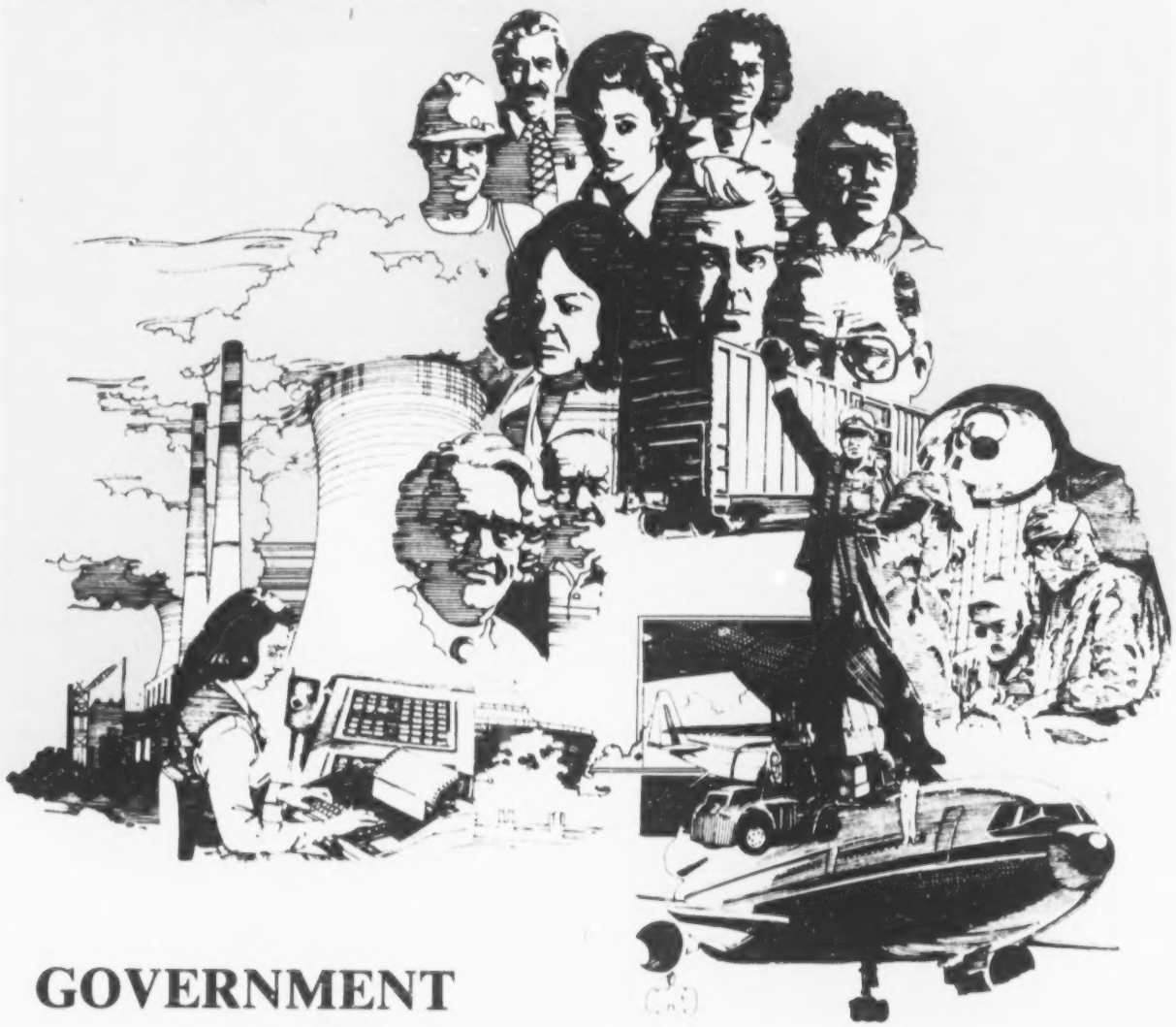
Arizona Occupational Profile

A Labor Market Information Publication of the Department of Economic Security



GOVERNMENT

UTAH
COCONINO
MOHAVE
KINGMAN
FLAGSTAFF
NAVAJO
APACHE
HOLBROOK
ST. JOHNS
CALIFORNIA
PRESCOTT
YAVAPAI
NEW MEXICO
PARKER
LA PAZ
GILA
PHOENIX
GLOBE
CLIFTON
GREENLEE
MARICOPA
FLORENCE
SAFFORD
YUMA
PINAL
GRAHAM
YUMA
TUCSON
PIMA
COCHISE
MEXICO
SANTA CRUZ
BISBEE
ARIZONA
NOGALES

OCCUPATIONAL PROFILE

The value of current and accurate occupational employment information has long been recognized by job seekers, public and private administrators, and those involved in training, recruiting, and counseling. A major source of this information in Arizona is the Occupational Employment Statistics (OES) Program - a cooperative effort between Arizona and the U. S. Bureau of Labor Statistics.

This Occupational Profile is one in a series of publications produced from information developed by the Occupational Employment Statistics survey. These publications represent one of several occupational employment information delivery systems incorporating OES survey data. The survey is used to collect employment data, by county, for over 1,000 occupations in Arizona. From these surveys, which require the cooperation of the Arizona business community, current employment in the various occupations is determined, and from this an occupational outlook is formulated. The Occupational Profiles contain the survey findings and examine, individually, the industries of Arizona.

Surveyed industries include:

Mining
Construction
Manufacturing
Transportation, Communications, and Public Utilities
Trade
Finance, Insurance, and Real Estate
Services
Government

For further information, or to comment on any aspect of this program, please write to the address on the back cover.

INDUSTRY INFORMATION

INDUSTRY DEFINITION

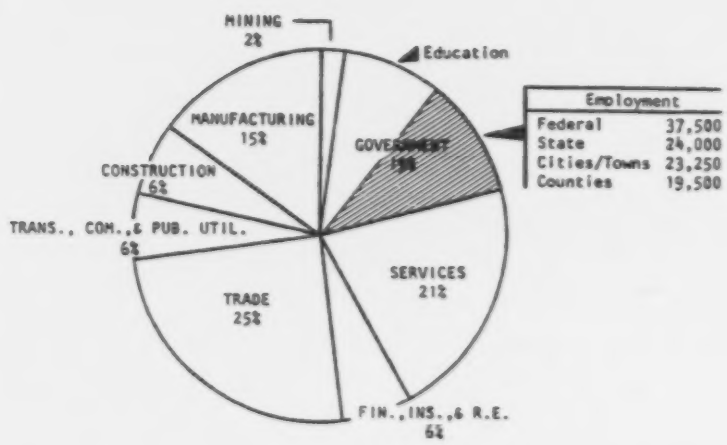
Government employees are engaged in a broad range of administrative and service delivery activities requiring a variety of occupational skills. The major functional areas of government considered in this report are: executive, legislative, judicial, public safety, transportation, finance, human resources, corrections, environment and economics. Aside from civilians working for the military, employment related to national security is not represented in this profile. Also excluded are hospital and educational facilities operated by state and local governments. Employment data for these facilities are included in separate profiles of hospitals and educational services.

A detailed description of the governmental units and activities included in this profile can be found in the Standard Industrial Classification (SIC) Manual[1] under codes 91 through 97. Various specialized functions of government are described under other SIC codes found throughout the manual.

INDUSTRY DESCRIPTION

Government workers, aside from those in the public education system, numbered approximately 104,000 in 1982, or one of every ten Arizona workers. Forty-one percent of these workers were employees of counties, cities, and towns (local governments); approximately a third were federal employees; and the remaining 23 percent were state government workers.

FIGURE 1: ARIZONA NONAGRICULTURAL EMPLOYMENT BY INDUSTRY. 1982



[1] Office of management and Budget, *Standard Industrial Classification Manual, 1972 Edition.*

Federal government personnel perform a variety of services, some of which have no counterpart in state or local government. The federal functions of national security (civilian military employment) and the postal service account for about half of all federal employment in Arizona.

Military employers alone - primarily the Departments of the Air Force and Army - employ one of every three federal government workers in the State.

FIGURE 2: FEDERAL EMPLOYMENT IN ARIZONA
BY SELECTED AGENCIES AND DEPARTMENTS
MAY 1982

	Arizona	Maricopa County	Pima County	Bal. of State
Military (Civil.)	11,510	2,740	1,930	6,840
Postal Service	6,900	4,470	1,280	1,150
BIA (Indian Affairs)	4,730	410	240	4,080
Veterans Admin.	3,140	1,560	1,080	500
Health, Ed. & Welfare	2,230	620	240	1,370
Forest Service	1,690	200	140	1,350
National Parks	570	10	70	490

Luke Air Force Base, west of Phoenix, and Williams Air Force Base, southeast of Phoenix, account for the majority of civilian military employees in Maricopa County. In Pima County, civilian workers at Davis Monthan Air Force Base near Tucson numbered nearly 1,400 in May 1982. Arizona's largest military installation is in Cochise County where approximately 4,000 civilians were employed at the U. S. Army's headquarters for the Army Communication Command at Fort Huachuca. In Yuma County, the Army's proving grounds employed 850 of the county's 2,400 federal workers.

State government employed more than 22,000 workers in May 1982, representing approximately 23 percent of Arizona's government workers. As one would expect, the bulk (63 percent) of state government employment is found in Maricopa County - home of the State Capital in Arizona's largest city. The relatively large number of employees in Pinal County is attributed to the state correctional facility in Florence and the center for the developmentally disabled in Coolidge.

As indicated in figure 3, the Department of Economic Security is Arizona's largest state government employer. With employment of nearly 6000, the agency is charged with fostering individual independence through training and social services, and is the agent for delivery of various transfer payments such as food stamps, unemployment insurance benefits and basic financial assistance.

FIGURE 3:
STATE GOVERNMENT EMPLOYMENT (EXC. EDUCATION) BY
COUNTY AND DEPARTMENT - MAY 1982

COUNTY	TOTAL	PUBLIC SAFETY	ECONOMIC SECURITY	TRANSPORT.	HEALTH SERVICES	OTHER
Apache	200	20	50	55		75
Cochise	255	20	105	90		35
Coconino	495	60	110	265	10	50
Gila	240	30	65	120		25
Graham/Greenlee	610	25	40	105		445
Maricopa	15,470	1,175	3,275	2,125	1,680	7,215
Mohave	255	30	70	100		50
Navajo	410	20	65	305		20
Pima	2,625	95	965	280	125	1,160
Pinal	2,710	60	905	40		1,705
Santa Cruz	110	30	20	20		40
Yavapai	575	40	65	220		250
Yuma	305	45	100	110		45
Statewide	24,260	1,650	5,835	3,845	1,815	11,120

Dominant in the "Other" category in the above table are the Departments of Administration and Corrections. Reflecting its diverse responsibilities, the Department of Administration includes the Divisions of Data Processing, Finance, Personnel, Weights and Measures, Public Buildings and the Office of Purchasing. The "Other" category also includes the Office of the Governor, the Legislature, advisory and interdepartmental committees, regulatory commissions, the Appellate and Supreme Courts and the revenue collection agencies.

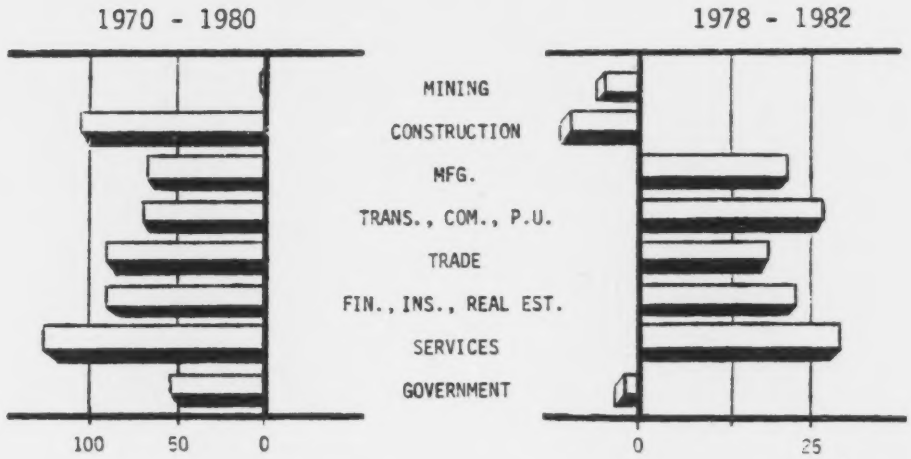
Numbering 41,000 in 1982, local government personnel accounted for more than 40 percent of all government employment in Arizona. Unlike state government employment, which is concentrated in Maricopa County, local government is distributed more proportionally as dictated by county populations.

Units of local government are defined as the political subdivisions of the state, i.e., counties, cities, towns and special districts. Multifunctional in nature, aspects of local government functions include executive, legislative, justice, public safety, transportation and general government.

INDUSTRY TRENDS

Arizona's rapidly increasing population has contributed to virtually uninterrupted growth in government employment, though increases have been significantly less than the average for all industries. Only the mining industry registered a lower growth rate during the decade of the 70s.

FIGURE 4: EMPLOYMENT CHANGE
IN ARIZONA'S INDUSTRIES (PERCENT)

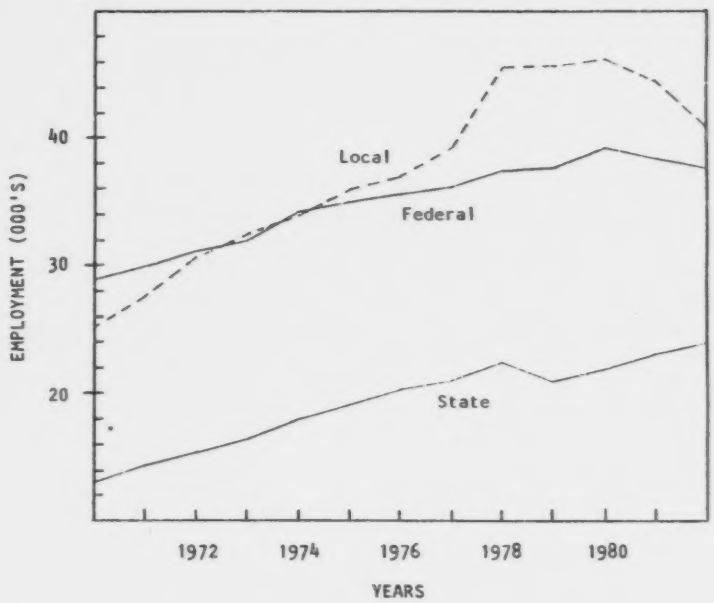


Reflecting the national trend, federal employment, in particular, has increased slowly - both over the long and short term. However, as compared to a national increase of less than 1 percent between 1970 and 1982, Arizona federal employment grew 23 percent and added nearly 9,000 employees.

Local government employment, on the other hand, has registered the greatest growth rate as it responds to the needs of a rapidly growing population and an expanding economy. Incorporation of cities and the growth and development of established municipalities have required expanded street and highway facilities, police and fire protection, and public health, sanitation and welfare services.

Along with a higher growth rate than its federal and state counterparts, local government employment is also characterized by more fluctuation as evidenced in figure 5. The most recent "hump" reflects the duration of local government efforts to combat the effects of the recession through, for example, public service employment programs.

FIGURE 5: ARIZONA'S GOVERNMENT EMPLOYMENT
1970 – 1982



Employment demand generated by a growing population's need for administrative, health, welfare, police and fire protection will continue to be suppressed by public pressure to limit budget increases. Government employment is predicted to increase 7 percent between 1982 and 1986 - the smallest increase expected in any industry. In contrast, total Arizona employment will likely expand 16 percent over the period.

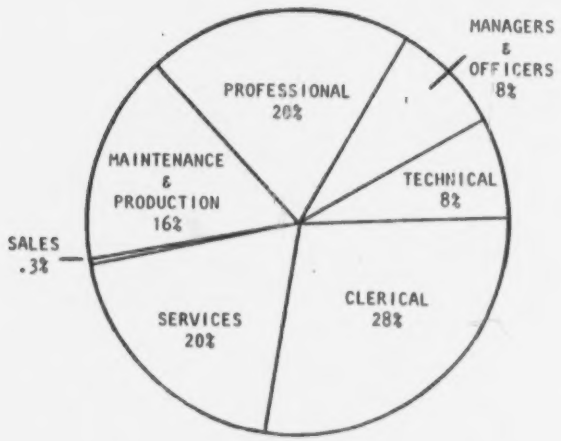
Most public employment expansion will be in state and local government which is projected to increase 9 percent for the four-year projection period. More than forcing layoffs and significantly lowering employment, pressures such as the state's constitutionally imposed spending limit will likely continue to curtail capital construction and maintenance expenses, travel and wage increases. Hiring of part-time workers in place of full time staff will further help to meet financial objectives without significantly reducing staffs.

Administration policies and public sentiment will also restrain expansion at the federal level. Bolstered, somewhat, by civilian hiring on military bases, as a result of increased defense expenditures, federal government employment is forecast to increase about 3 percent.

OCCUPATIONAL INFORMATION

As providers of a variety of services that include fire control, family counseling, road maintenance, environmental quality monitoring and swimming instruction, government employees possess a wide range of occupational skills. It is clerical workers, however, that comprise the largest occupational class - representing more than one of every four government workers. Trailing a distant second and third are maintenance and production workers and professional workers.

FIGURE 6: OCCUPATIONS IN GOVERNMENT



Comparison of the occupational distribution for the federal, state, and local government sectors reflects their functional variations. (See figure 7). In local government, for example, service workers dominate because of law enforcement and fire control responsibilities. Muncipalities employed 4,500 police officers and patrolmen/women and 2,100 firefighters in 1982. Workers maintaining Arizona's streets and highways contribute to the high percentage of maintenance and production workers at the local level.

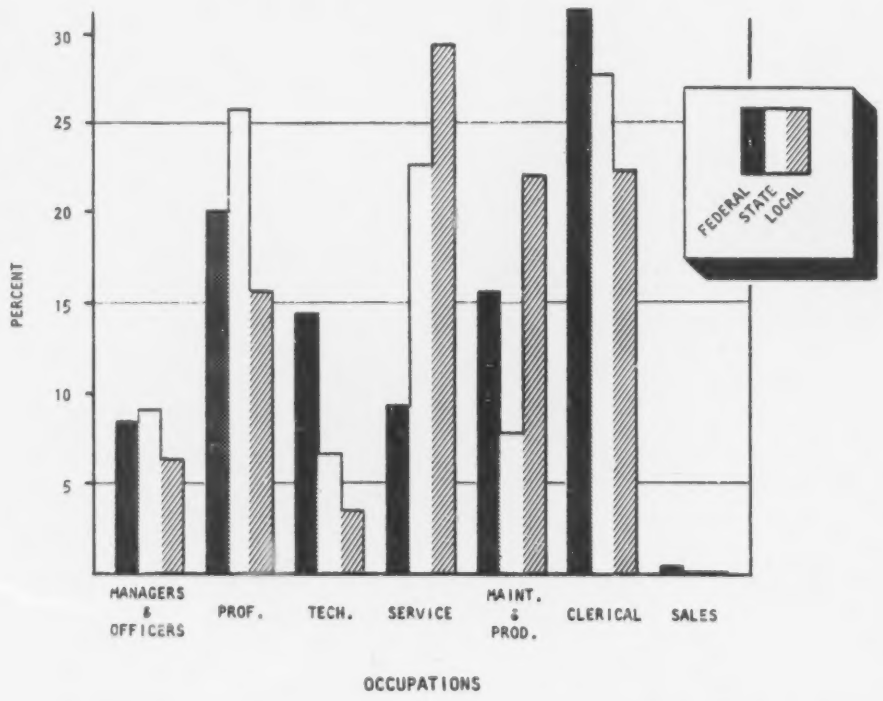
State government, on the other hand, employs a greater proportion of professional workers which includes a preponderance of caseworkers, accountants and auditors, and employment interviewers. At the federal level, postal mail carriers are most prominent and contribute to the high ranking of the clerical category. Federal government also distinguishes itself with a relatively large number of technical workers. Numbering more than 5,000, this occupational group's largest constituent, biological science technicians, comprises one-fifth of the total.

Government employment in all the major occupational categories will expand, although they will do so at varying rates. Increasing most rapidly will be the professional workers category, resulting, primarily, from expansion in health, engineering and computer occupations. Also expected to expand substantially is the services category which will be led by growth in the number of protective service workers in local governments. Most prominent in this group are police patrol officers, firefighters, and correction officers and jailors.

At the other extreme and losing the greatest share of employment is the clerical group. Automation is instrumental to the changes in this category and few occupations will experience the effects of changing technology as severely as postal service clerks. Not only will their numbers be suppressed by ever-more efficient and technical equipment, but the quantity of mail handled by the postal service will be affected by new and competing delivery systems - many of which involve the electronic transmission of information.

Also experiencing a diminishing share of government employment is the laborers category. Here, again, automation will slow employment growth in such occupations as warehouse laborers and freight and material handlers.

FIGURE 7: MAJOR OCCUPATIONAL CATEGORIES IN GOVERNMENT, 1982



Although experiencing a diminishing share of employment, clerical occupations in government will provide more than 6,000 job opportunities between 1982 and 1986 - by far the greatest number of opportunities for any occupational group. The number of openings for clerical workers created by employment growth will be matched by those resulting from workers leaving the labor force. In addition to these separations, a larger and unaccounted number of openings will result from workers changing jobs. Job turnover, as these openings are defined, are generally the greatest source of job openings, and are particularly high in clerical occupations. Typists, secretaries and general office workers head the list of occupations providing job seekers the most opportunities in the years ahead.

Outpaced by growth in other occupational groups, "managers and officers" will likely lose some of its share of employment. With more than one-fourth of the employment in the category, public administration inspectors should realize about 400 job openings over the four year period. These workers examine animals, plantlife, products and establishments for enforcement of health, safety and other regulatory laws. Typical public administration inspectors are bank examiners and customs, air pollution, food, sanitary, and housing inspectors. Demand for these workers created by expanding industry and a growing population will be constrained by limited growth in government regulatory programs and government spending.

FIGURE 8: GOVERNMENT OCCUPATIONS WITH THE GREATEST EMPLOYMENT AND JOB OPENINGS

OCCUPATIONS WITH THE GREATEST EMPLOYMENT

OCCUPATIONS	ESTIMATED 1982 EMPLOYMENT	PERCENT OF SECTOR
FEDERAL GOVERNMENT		
Postal Mail Carriers	4,600	13.0%
Managers and Officers	1,804	5.1
Typists	1,245	3.5
Biological Science Technicians	1,196	3.4
Teachers, Adult Education	1,087	3.1
General Office Clerks	1,026	2.9
Nurse's, Professional	963	2.7
Secretaries	967	2.5
Public Administration Inspectors	767	2.2
Postal Service Clerks	735	2.1
STATE AND LOCAL GOVERNMENT		
Police Patrol Officers	4,232	7.3%
Correction Officers and/or Jailors	2,837	4.9
Secretaries	2,226	3.8
Managers and Officers	2,087	3.6
Typists	2,030	3.5
Fire Fighters	1,825	3.1
General Office Clerks	1,651	2.8
Caseworkers	1,519	2.6
Heavy Equipment Operators	1,356	2.3
Highway Maintenance Workers	1,300	2.2

OCCUPATIONS WITH THE GREATEST NUMBER OF OPENINGS

OCCUPATIONS	JOB OPENINGS (Exc. Turnover) 1982-1986
FEDERAL GOVERNMENT	
Postal Mail Carriers	583
Typists	354
Managers and Officers	311
General Office Clerks	253
Secretaries	222
Nurses, Professional	215
Nurse's Aides and/or Orderlies	163
Biological Science Technicians	161
Teachers, Adult Education	145
Public Administration Inspectors	126
STATE AND LOCAL GOVERNMENT	
Correction Officers and/or Jailors	770
Secretaries	738
Typists	720
Police Patrol Officers	619
General Office Clerks	501
Managers and Offices	433
Case Workers	405
Child-Care Workers	322
Public Administration Inspectors	273
Fire Fighters	269

OCCUPATIONAL STRUCTURE

The following tables provide employment estimates and projected employment and job openings for the counties and the state. Data for federal employment in Graham and Greenlee counties have been combined due to the counties' close proximity, similar economies and size. A table for La Paz County is not included as the survey was conducted prior to this county's creation.

When using the data, please note the following:

1) The data reflect full and part-time wage and salary employment only, and do not include self-employed or unpaid family workers.

2) Total job openings represent the number of openings due to growth of the industry and separations from the labor force. They do not account for labor turnover, i.e., openings created when a worker changes jobs, leaving the job to be filled by someone else. These vacancies are often the largest source of job openings.

3) The projection technique does not possess the degree of accuracy that may be implied by small employment and demand figures.

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

STATEWIDE

	Estimated 1982 Employment	Percent of Total 1982 Employment	Projected 1986 Employment	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	2,888	8.2	2,976	511
Public Administration Inspectors	767	2.2	789	126
Construction Inspectors	130	.4	135	25
Postmasters &/or Mail Superintendents	187	.5	192	49
Managers & Officers	1,804	5.1	1,860	311
TOTAL PROFESSIONAL WORKERS	7,023	19.9	7,230	1,105
Aeronautical Engineers	8	.0	8	1
Agricultural Engineers	8	.0	8	1
Chemical Engineers	1	.0	1	0
Civil Engineers	212	.6	220	36
Electrical & Electronic Engineers	287	.8	295	24
Industrial Engineers	13	.0	13	1
Mechanical Engineers	43	.1	44	4
Mining Engineers	7	.0	7	1
Safety Engineers	8	.0	8	1
Nuclear Engineers	1	.0	1	0
All Other Engineers	96	.3	99	10
Mathematicians	26	.1	27	6
Statisticians	11	.0	11	2
All Other Mathematical Scientists	44	.1	45	11
Chemists	12	.0	12	2
Geologists & Geophysicists	157	.4	161	17
Meteorologists	19	.1	20	3
Physicists	12	.0	12	1
All Other Physical Scientists	24	.1	25	2
Agricultural Scientists	68	.2	70	12
Biological Scientists	220	.6	227	31
Foresters & Conservation Scientists	396	1.1	407	39
Economists	23	.1	24	3
Psychologists	50	.1	51	6
Sociologists	1	.0	1	0
Urban & Regional Planners	5	.0	5	0
All Other Social Scientists	132	.4	135	11
Systems Analysts, EDP	224	.6	229	15
Teachers, Nonvocational Education	1,087	3.1	1,113	145
Photographers	42	.1	43	5
Purchasing Agents &/or Buyers	233	.7	241	38
Accountants & Auditors	189	.5	195	34
Landscape Architects	14	.0	14	2
Architects	11	.0	11	2
Caseworkers	123	.3	126	25
Clergy	18	.1	18	3
Commercial Artists	32	.1	32	6
Dentists	12	.0	12	2
Dietitians &/or Nutritionists	29	.1	30	7
Writers &/or Editors	63	.2	65	13
Law Clerks	68	.2	71	10
Lawyers	100	.3	105	15
Librarians, Professional	82	.2	84	20
Curators, Museum	5	.0	5	1
Nurses, Professional	963	2.7	995	215
Occupational Therapists	7	.0	7	1
Optometrists	1	.0	1	0
Paralegal Personnel	11	.0	11	1
Personnel & Labor Relations Specialists	260	.7	269	39
Pharmacists	49	.1	50	12
Physical Therapists	14	.0	14	2
Physicians &/or Surgeons	364	1.0	375	62
Podiatrists	4	.0	4	1
Public Relations Practitioners	23	.1	24	4
Veterinarians	16	.0	16	2
Judges	21	.1	21	7

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

STATEWIDE

	Estimated 1982 Employment	Percent of Total 1982 Employment	Projected 1986 Employment	Total Job Openings 1982-1986
Tax Examiners, Collectors &/or Revenue Agents	244	.7	253	45
Appraisers, Real Estate	37	.1	39	9
Group Recreation Workers	86	.2	88	14
Manual Arts, Music &/or Recreation Therapists	8	.0	8	1
Speech Pathologists &/or Audiologists	13	.0	13	2
Corrective Therapists	3	.0	3	1
All Other Professional Workers	683	1.9	708	119
TOTAL TECHNICAL WORKERS	5,040	14.2	5,178	722
Computer Programmers	70	.2	72	5
Drafters	51	.1	53	6
Electrical & Electronic Technicians	250	.7	257	21
Surveyors	137	.4	141	13
Radiographers	2	.0	2	0
Broadcast Technicians	22	.1	23	2
All Other Engineering Technicians	401	1.1	413	55
Physical Science Technicians	113	.3	116	13
Biological Science Technicians	1,196	3.4	1,226	161
Air Traffic Controllers	301	.9	312	24
Dental Assistants	108	.3	111	32
Mathematical Technicians	29	.1	29	1
Physician's Assistants	31	.1	32	8
Museum Technicians &/or Restorers	2	.0	2	0
Airplane Pilots	59	.2	61	5
Radio Operators	13	.0	14	2
Technical Assistants, Library	31	.1	32	8
Pharmacy Helpers	36	.1	37	9
Medical Record Librarians	94	.3	97	25
Dental Hygienists	2	.0	2	0
Medical Laboratory Technologists	167	.5	172	35
Electrocardiograph Technicians	2	.0	2	0
Prosthetists/Orthotists	71	.2	73	12
Radiologic &/or Nuclear Medical Technologists	67	.2	69	13
All Other Medical & Dental Techs.	81	.2	84	50
All Other Technicians	1,704	4.8	1,746	222
TOTAL SERVICE WORKERS	3,191	9.0	3,281	527
Janitors, Porters & Cleaners	448	1.3	461	93
Guards & Doorkeepers	145	.4	149	12
Bakers, Bread &/or Pastry	3	.0	3	1
Butchers &/or Meat Cutters	70	.2	72	9
Kitchen Helpers	1	.0	1	0
Cooks, Institution or Cafeteria	268	.8	275	48
All Other Food Service Workers	347	1.0	357	72
Barbers	4	.0	4	1
Supervisors, Nonworking-Service	3	.0	3	0
Housekeepers	9	.0	9	2
Nurse's Aides &/or Orderlies	659	1.9	679	163
Forest Conservation Workers	256	.7	262	24
Fish & Game Wardens	3	.0	3	0
Guides, Sightseeing or Establishment	2	.0	2	0
Social Service Aides	24	.1	25	5
Medical Assistants	4	.0	4	1
Occupational Therapy Assistants	7	.0	7	2
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	126	.4	130	10
Detectives, Police	535	1.5	551	45
Correction Officers &/or Jailers	44	.1	45	11
U.S. Marshalls	43	.1	44	11
Fire Fighters	186	.5	191	16
All Other Service Workers	4	.0	4	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	5,424	15.3	5,576	660
Mechanics, Aircraft	525	1.5	541	46
Mechanics, Automotive	162	.5	167	18

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

STATEWIDE

	Estimated 1982 Employment	Percent of Total 1982 Employment	Projected 1986 Employment	Total Job Openings 1982-1986
Body Repairers, Automotive	9	.0	9	1
Camera &/or Motion Picture Repairers	3	.0	3	0
Electric Tool Repairers	12	.0	12	1
Electrical Instrument Repairers	11	.0	11	1
Electromedical Equipment Repairers	16	.0	17	2
Engineering Equipment Mechanics	125	.4	129	14
Hydroelectric Mechanics, Powerhouse/Gas Plant	60	.2	61	7
Laundry Machine Mechanics	1	.0	1	0
Locksmiths	10	.0	10	1
Mechanics, Maintenance	225	.6	232	28
Office Machine &/or Cash Register Servicers	2	.0	2	0
Refrigeration &/or Air Conditioning Mechanics	130	.4	134	16
Treatment Plant Mechanics	4	.0	4	0
Car Repairers, Railroad	1	.0	1	0
Electronic Mechanics	245	.7	252	21
Data Processing Machine Repairers	1	.0	1	0
Gas & Electronic Appliance Repairers	3	.0	3	0
All Other Mechanics & Repairers	128	.4	132	15
Markers, Classifiers &/or Assemblers	29	.1	30	8
Washers, Machine &/or Starchers	4	.0	4	1
Dry Cleaning Machine Operators	3	.0	3	1
Pressers, Machine, Laundry	1	.0	1	0
Truck Drivers	413	1.2	424	41
Air Hammer Operators	1	.0	1	0
Blacksmiths	1	.0	1	0
Cabinetmakers	11	.0	11	1
Cable Splicers	24	.1	25	2
Carpenters	126	.4	129	19
Cement Masons	2	.0	2	0
Crane, Derrick & Hoist Operators	18	.1	19	2
Drillers, Machine	1	.0	1	5
Merchandise Displayers & Window Trimmers	3	.0	3	1
Craters	33	.1	34	0
Electricians	146	.4	150	18
Exterminators	9	.0	9	1
Supervisors, Nonworking	75	.2	77	10
Glaziers	2	.0	2	0
Heavy Equipment Operators	215	.6	220	24
Riggers	3	.0	3	0
Industrial Truck Operators	123	.3	126	12
Inspectors	39	.1	40	7
Installers, Repairers &/or Section Maintainers	10	.0	10	1
Installers, Repairers &/or Section Maintainers, Telephone	11	.0	12	1
Instrument Repairers	12	.0	13	1
Line Installers/Repairers	58	.2	60	5
Maintenance Repairers, General Utility	339	1.0	348	40
Oilers	5	.0	5	1
Painters, Maintenance	213	.6	218	31
Plasterers	2	.0	2	0
Electroplaters	1	.0	1	0
Plumbers &/or Pipefitters	103	.2	106	13
Roofers	3	.0	3	0
Rotary Drill Operators	31	.1	32	5
Dental-Laboratory Technicians	6	.0	6	1
Sandblasters &/or Shotblasters	4	.0	4	0
Sewage Plant Operators	19	.1	20	2
Sewing Machine Operators, Regular Equipment	4	.0	4	1
Sheet Metal Workers	52	.1	54	5
Stationary Boiler Firers	47	.1	48	6
Stationary Engineers	54	.2	55	8
Stone Masons	5	.0	5	1
Structural Steel Workers	1	.0	1	0
Substation Operators	6	.0	6	1
Animal Caretakers	45	.1	47	11

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

STATEWIDE

	Estimated 1982 Employment	Percent of Total 1982 Employment	Projected 1986 Employment	Total Job Openings 1982-1986
Tire Fabricators &/or Repairers	1	.0	1	0
Tool & Die Makers	3	.0	3	1
Water Treatment Plant Operators	9	.0	9	1
Pump Station Operators, Waterworks	1	.0	1	0
Track Layers	1	.0	1	0
Welders &/or Flamecutters	32	.1	33	5
Offset Lithographic Press Operators	26	.1	27	5
Strippers	19	.1	20	2
Camera Operators, Printing	2	.0	2	0
Service Station/Fuel Pump Attendants	66	.2	68	9
Stock Clerks, Sales Floor	42	.1	43	4
Highway Maintenance Workers	7	.0	7	1
Chemical Operators	2	.0	2	0
Machine Tool Operators, Combination	25	.1	26	0
Testers	40	.1	41	4
Fallers &/or Buckers	1	.0	1	0
Painters, Production	1	.0	1	6
Pulpers	1	.0	1	0
Loading Machine Operators	51	.1	52	8
Upholsterers	1	.0	1	0
Gardeners & Groundskeepers	27	.1	28	6
All Other Bindery Workers	4	.0	4	0
All Other Skilled Craft Workers	16	.1	17	2
All Other Operatives & Semiskilled Workers	187	.5	192	26
All Other Laborers & Unskilled Workers	873	2.5	898	122
TOTAL CLERICAL WORKERS	11,643	32.9	12,045	2,266
Computer Operators	60	.2	61	8
Keypunch Operators	93	.3	96	23
Tabulating Machine Operators	4	.0	4	1
All Other Office Machine Operators	13	.0	13	4
Stenographers	203	.6	210	50
Accounting Clerks	358	1.0	369	81
Bookkeepers, Hand	65	.2	67	14
Cashiers	36	.1	37	8
Claims Adjusters	47	.1	49	7
Claims Clerks	140	.4	145	35
Correspondence Clerks	2	.0	2	0
General Office Clerks	1,028	2.9	1,062	253
Mail Clerks	134	.4	138	27
Payroll &/or Timekeeping Clerks	103	.3	106	21
Personnel Clerks	216	.6	223	66
Procurement Clerks	78	.2	80	12
Real Estate Clerks	66	.2	68	16
Receptionists	19	.1	20	6
Secretaries	867	2.5	893	222
Statistical Clerks	17	.0	18	4
Switchboard Operators	105	.3	109	32
Messengers	4	.0	4	1
Travel Clerks	19	.1	20	5
Typists	1,245	3.5	1,282	354
Clerical Supervisors, Office or Plant	39	.1	40	6
Postal Service Clerks	735	2.1	760	115
All Other Office Clerical Workers	832	2.4	859	204
Production Clerks &/or Coordinators	53	.1	55	7
Shipping Packers	11	.0	11	1
Shipping &/or Receiving Clerks	22	.1	23	3
Weighers, Recordkeeping	3	.0	3	0
Stock Clerks, Stockroom, Warehouse or Storage	38	.1	39	5
Dispatchers, Vehicle, Service or Work	20	.1	21	3
Postal Mail Carriers	4,600	13.0	4,779	583
All Other Plant Clerical Workers	368	1.0	379	89
TOTAL SALES WORKERS	157	.5	163	25
Sales Clerks	157	.5	163	25
TOTAL ALL OCCUPATIONS	35,366	100.0	36,449	5,816

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

APACHE COUNTY

Name	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	99	103	4	16	20
Public Administration Inspectors	1	1	0	0	0
Construction Inspectors	16	17	1	3	4
Postmasters &/or Mail Superintendents	17	18	1	4	5
Managers & Officers	65	67	2	9	11
TOTAL PROFESSIONAL WORKERS	564	576	12	67	79
Civil Engineers	19	20	1	2	3
Electrical & Electronic Engineers	1	1	0	0	0
Mining Engineers	1	1	0	0	0
Statisticians	1	1	0	0	0
Geologists & Geophysicists	3	3	0	0	0
Agricultural Scientists	7	7	0	1	1
Biological Scientists	5	5	0	1	1
Foresters & Conservation Scientists	44	45	1	3	4
Economists	1	1	0	0	0
Psychologists	2	2	0	0	0
All Other Social Scientists	3	3	0	0	0
Teachers, Nonvocational Education	281	287	6	31	37
Accountants & Auditors	6	6	0	1	1
Landscape Architects	1	1	0	0	0
Architects	1	1	0	0	0
Caseworkers	25	25	0	4	4
Commercial Artists	1	1	0	0	0
Dietitians &/or Nutritionists	2	2	0	0	0
Lawyers	2	2	0	0	0
Librarians, Professional	2	2	0	0	0
Curators, Museum	2	2	0	0	0
Nurses, Professional	57	59	2	11	13
Paralegal Personnel	3	3	0	0	0
Personnel & Labor Relations Specialists	16	17	1	2	3
Physical Therapists	1	1	0	0	0
Physicians &/or Surgeons	7	7	0	1	1
Public Relations Practitioners	1	1	0	0	0
Group Recreation Workers	27	27	0	4	4
All Other Professional Workers	42	43	1	6	7
TOTAL TECHNICAL WORKERS	703	721	18	83	101
Drafters	3	3	0	0	0
Electrical & Electronic Technicians	2	2	0	0	0
Surveyors	20	21	1	1	2
All Other Engineering Technicians	51	52	1	5	6
Physical Science Technicians	6	6	0	0	0
Biological Science Technicians	112	115	3	12	15
Dental Assistants	17	18	1	5	6
Physician's Assistants	4	4	0	1	1
Technical Assistants, Library	1	1	0	0	0
Pharmacy Helpers	1	1	0	0	0
Medical Record Librarians	18	19	1	4	5
Medical Laboratory Technologists	15	16	1	3	4
Radiologic &/or Nuclear Medical Technologists	5	5	0	1	1
All Other Medical & Dental Techs.	9	9	0	5	5
All Other Technicians	439	449	10	46	56
TOTAL SERVICE WORKERS	232	237	5	38	43
Janitors, Porters & Cleaners	57	59	2	10	12
Guards & Doorkeepers	4	4	0	0	0
Cooks, Institution or Cafeteria	56	57	1	8	9
All Other Food Service Workers	45	46	1	8	9
Nurse's Aides &/or Orderlies	53	54	1	11	12
Social Service Aides	7	7	0	1	1
Occupational Therapy Assistants	1	1	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	3	3	0	0	0
Detectives, Police	6	6	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

APACHE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MAINTENANCE & PRODUCTION WORKERS	285	291	6	25	31
Mechanics, Automotive	2	2	0	0	0
Electric Tool Repairers	2	2	0	0	0
Electromedical Equipment Repairers	2	2	0	0	0
Engineering Equipment Mechanics	6	6	0	0	0
Locksmiths	1	1	0	0	0
Mechanics, Maintenance	11	11	0	1	1
Refrigeration &/or Air Conditioning Mechanics	3	3	0	0	0
Truck Drivers	57	59	2	4	6
Carpenters	9	9	0	1	1
Electricians	9	9	0	1	1
Supervisors, Nonworking	12	13	1	1	2
Heavy Equipment Operators	24	25	1	2	3
Industrial Truck Operators	1	1	0	0	0
Maintenance Repairers, General Utility	48	49	1	4	5
Painters, Maintenance	9	9	0	1	1
Plumbers &/or Pipefitters	16	17	1	2	3
Rotary Drill Operators	1	1	0	0	0
Stationary Boiler Firers	8	8	0	1	1
Stationary Engineers	4	4	0	0	0
Welders & Flamecutters	1	1	0	0	0
All Other Operatives & Semiskilled Workers	26	26	0	3	3
All Other Laborers & Unskilled Workers	33	33	0	4	4
TOTAL CLERICAL WORKERS	318	325	7	69	76
Computer Operators	2	2	0	0	0
Stenographers	6	6	0	1	1
Accounting Clerks	14	15	1	3	4
Bookkeepers, Hand	9	9	0	2	2
Cashiers	1	1	0	0	0
General Office Clerks	32	32	0	7	7
Mail Clerks	1	1	0	0	0
Payroll &/or Timekeeping Clerks	4	4	0	1	1
Personnel Clerks	14	15	1	4	5
Procurement Clerks	4	4	0	0	0
Real Estate Clerks	8	8	0	2	2
Secretaries	76	77	1	17	18
Statistical Clerks	3	3	0	1	1
Switchboard Operators	5	5	0	1	1
Typists	82	84	2	21	23
Clerical Supervisors, Office or Plant	2	2	0	0	0
Postal Service Clerks	21	22	1	3	4
All Other Office Clerical Workers	20	21	1	4	5
Stock Clerks, Stockroom, Warehouse or Storage	1	1	0	0	0
Postal Mail Carriers	4	4	0	0	0
All Other Plant Clerical Workers	9	9	0	2	2
TOTAL ALL OCCUPATIONS	2,201	2,253	52	298	350

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCHISE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	603	618	15	86	101
Public Administration Inspectors	112	115	3	15	18
Construction Inspectors	4	4	0	1	1
Postmasters &/or Mail Superintendents	17	18	1	4	5
Managers & Officers	470	481	11	66	77
TOTAL PROFESSIONAL WORKERS	1,031	1,054	23	101	124
Civil Engineers	3	3	0	0	0
Electrical & Electronic Engineers	230	235	5	13	18
Industrial Engineers	4	4	0	0	0
Mechanical Engineers	7	7	0	0	0
Safety Engineers	5	5	0	0	0
All Other Engineers	19	20	1	1	2
Mathematicians	4	4	0	1	1
Statisticians	1	1	0	0	0
All Other Mathematical Scientists	38	39	1	8	9
Meteorologists	1	1	0	0	0
Physicists	7	7	0	0	0
Agricultural Scientists	3	3	0	0	0
Biological Scientists	5	5	0	1	1
Foresters & Conservation Scientists	15	16	1	1	2
Psychologists	1	1	0	0	0
All Other Social Scientists	72	74	2	4	6
Systems Analysts, EDP	171	174	3	7	10
Teachers, Nonvocational Education	51	52	1	6	7
Photographers	13	14	1	1	2
Purchasing Agents &/or Buyers	34	34	0	4	4
Accountants & Auditors	53	54	1	8	9
Architects	1	1	0	0	0
Caseworkers	1	1	0	0	0
Commercial Artists	21	22	1	4	5
Dentists	1	1	0	0	0
Writers &/or Editors	48	49	1	8	9
Law Clerks	2	2	0	0	0
Lawyers	5	5	0	1	1
Librarians, Professional	67	69	2	15	17
Curators, Museum	1	1	0	0	0
Nurses, Professional	22	23	1	4	5
Paralegal Personnel	1	1	0	0	0
Personnel & Labor Relations Specialists	54	56	2	7	9
Pharmacists	2	2	0	0	0
Physicians &/or Surgeons	7	7	0	1	1
Public Relations Practitioners	9	9	0	1	1
Veterinarians	2	2	0	0	0
Group Recreation Workers	8	8	0	1	1
All Other Professional Workers	32	32	0	4	4
TOTAL TECHNICAL WORKERS	378	388	10	40	50
Computer Programmers	29	29	0	1	1
Drafters	8	8	0	1	1
Electrical & Electronic Technicians	64	66	2	4	6
Broadcast Technicians	3	3	0	0	0
All Other Engineering Technicians	23	24	1	2	3
Biological Science Technicians	39	40	1	4	5
Air Traffic Controllers	17	18	1	1	2
Dental Assistants	24	25	1	6	7
Mathematical Technicians	1	1	0	0	0
Physician's Assistants	3	3	0	1	1
Museum Technicians &/or Restorers	2	2	0	0	0
Airplane Pilots	1	1	0	0	0
Technical Assistants, Library	12	13	1	3	4
Pharmacy Helpers	1	1	0	0	0
Medical Record Librarians	3	3	0	1	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCHISE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Medical Laboratory Technologists	6	6	0	1	1
Electrocardiograph Technicians	1	1	0	0	0
Radiologic &/or Nuclear Medical Technologists	3	3	0	0	0
All Other Medical & Dental Techs.	1	1	0	1	1
All Other Technicians	137	140	3	14	17
TOTAL SERVICE WORKERS	164	169	5	18	23
Janitors, Porters & Cleaners	18	19	1	3	4
Guards & Doorkeepers	42	43	1	2	3
Bakers, Bread &/or Pastry	1	1	0	0	0
Butchers &/or Meat Cutters	11	12	1	1	2
Cooks, Institution or Cafeteria	4	4	0	1	1
All Other Food Service Workers	10	10	0	2	2
Housekeepers	1	1	0	0	0
Nurse's Aides &/or Orderlies	24	25	1	5	6
Social Service Aides	6	6	0	1	1
Detectives, Police	10	10	0	1	1
Fire Fighters	37	38	1	2	3
TOTAL MAINTENANCE & PRODUCTION WORKERS	697	712	15	64	79
Mechanics, Aircraft	3	3	0	0	0
Mechanics, Automotive	32	32	0	3	3
Body Repairers, Automotive	2	2	0	0	0
Camera &/or Motion Picture Repairers	2	2	0	0	0
Electromedical Equipment Repairers	3	3	0	0	0
Engineering Equipment Mechanics	25	25	0	2	2
Locksmiths	2	2	0	0	0
Mechanics, Maintenance	15	16	1	1	2
Office Machine &/or Cash Register Servicers	2	2	0	0	0
Refrigeration &/or Air Conditioning Mechanics	20	21	1	2	3
Electronic Mechanics	57	58	1	3	4
Gas & Electronic Appliance Repairers	1	1	0	0	0
All Other Mechanics & Repairers	11	11	0	1	1
Markers, Classifiers &/or Assemblers	11	11	0	3	3
Washers, Machine &/or Starchers	2	2	0	0	0
Dry Cleaning Machine Operators	1	1	0	0	0
Pressers, Machine, Laundry	1	1	0	0	0
Truck Drivers	35	36	1	3	4
Cabinetmakers	2	2	0	0	0
Cable Splicers	9	9	0	0	0
Carpenters	14	15	1	2	3
Crane, Derrick & Hoist Operators	1	1	0	0	0
Merchandise Displayers & Window Trimmers	3	3	0	1	1
Electricians	21	22	1	2	3
Exterminators	4	4	0	0	0
Supervisors, Nonworking	6	6	0	1	1
Glaziers	2	2	0	0	0
Heavy Equipment Operators	9	9	0	1	1
Riggers	1	1	0	0	0
Industrial Truck Operators	25	25	0	2	2
Inspectors	7	7	0	1	1
Installers, Repairers &/or Section Maintainers	11	12	1	1	2
Maintenance Repairers, General Utility	33	33	0	3	3
Painters, Maintenance	10	10	0	1	1
Plumbers &/or Pipefitters	26	26	0	3	3
Roofers	2	2	0	0	0
Dental-Laboratory Technicians	1	1	0	0	0
Sewage Plant Operators	7	7	0	0	0
Sewing Machine Operators, Regular Equipment	1	1	0	0	0
Sheet Metal Workers	10	10	0	1	1
Stationary Boiler Firers	13	14	1	2	3
Stationary Engineers	3	3	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCHISE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Stone Masons	2	2	0	0	0
Animal Caretakers	2	2	0	0	0
Welders &/or Flamecutters	3	3	0	0	0
Offset Lithographic Press Operators	16	17	1	3	4
Strippers	19	20	1	1	2
Camera Operators, Printing	1	1	0	0	0
Service Station/Fuel Pump Attendants	57	59	2	6	8
Stock Clerks, Sales Floor	28	28	0	2	2
Machine Tool Operators, Combination	3	3	0	0	0
Pulpers	1	1	0	0	0
Loading Machine Operators	1	1	0	0	0
Gardeners & Groundskeepers	3	3	0	1	1
All Other Bindery Workers	3	3	0	0	0
All Other Skilled Craft Workers	6	6	0	1	1
All Other Operatives & Semiskilled Workers	22	23	1	2	3
All Other Laborers & Unskilled Workers	84	86	2	9	11
TOTAL CLERICAL WORKERS	1,423	1,458	35	299	334
Computer Operators	24	25	1	3	4
Keypunch Operators	31	31	0	7	7
Tabulating Machine Operators	4	4	0	1	1
All Other Office Machine Operators	1	1	0	0	0
Stenographers	19	20	1	4	5
Accounting Clerks	66	68	2	13	15
Bookkeepers, Hand	20	21	1	4	5
Cashiers	4	4	0	1	1
Claims Adjusters	1	1	0	0	0
Claims Clerks	3	3	0	1	1
General Office Clerks	149	153	4	32	36
Mail Clerks	42	43	1	7	8
Payroll &/or Timekeeping Clerks	33	33	0	6	6
Personnel Clerks	44	45	1	12	13
Procurement Clerks	11	12	1	1	2
Real Estate Clerks	1	1	0	0	0
Secretaries	200	205	5	45	50
Statistical Clerks	1	1	0	0	0
Switchboard Operators	17	18	1	5	6
Messengers	2	2	0	0	0
Travel Clerks	7	7	0	1	1
Typists	353	361	8	90	98
Clerical Supervisors, Office or Plant	11	12	1	1	2
Postal Service Clerks	31	31	0	4	4
All Other Office Clerical Workers	140	143	3	30	33
Production Clerks &/or Coordinators	4	4	0	0	0
Shipping Packers	1	1	0	0	0
Shipping &/or Receiving Clerks	7	7	0	1	1
Stock Clerks, Stockroom, Warehouse or Storage	15	16	1	2	3
Dispatchers, Vehicle, Service or Work	8	8	0	1	1
Postal Mail Carriers	80	82	2	7	9
All Other Plant Clerical Workers	93	95	2	20	22
TOTAL SALES WORKERS	25	25	0	3	3
Sales Clerks	25	25	0	3	3
TOTAL ALL OCCUPATIONS	4,321	4,424	103	611	714

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCONINO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	134	137	3	20	23
Construction Inspectors	7	7	0	1	1
Postmasters &/or Mail Superintendents	9	9	0	2	2
Managers & Officers	118	121	3	17	20
TOTAL PROFESSIONAL WORKERS	657	675	18	71	89
Aeronautical Engineers	1	1	0	0	0
Agricultural Engineers	1	1	0	0	0
Civil Engineers	19	20	1	2	3
Electrical & Electronic Engineers	1	1	0	0	0
Mechanical Engineers	1	1	0	0	0
Safety Engineers	1	1	0	0	0
All Other Engineers	1	1	0	0	0
Mathematicians	4	4	0	1	1
Statisticians	1	1	0	0	0
Geologists & Geophysicists	57	59	2	5	7
All Other Physical Scientists	16	17	1	1	2
Agricultural Scientists	10	10	0	1	1
Biological Scientists	9	9	0	1	1
Foresters & Conservation Scientists	106	109	3	8	11
Economists	2	2	0	0	0
Psychologists	1	1	0	0	0
All Other Social Scientists	12	13	1	1	2
Systems Analysts, EDP	8	8	0	0	0
Teachers, Nonvocational Education	226	231	5	25	30
Photographers	8	8	0	1	1
Purchasing Agents &/or Buyers	18	19	1	2	3
Accountants & Auditors	5	5	0	1	1
Landscape Architects	4	4	0	0	0
Caseworkers	8	8	0	1	1
Commercial Artists	2	2	0	0	0
Dietitians &/or Nutritionists	1	1	0	0	0
Librarians, Professional	2	2	0	0	0
Curators, Museum	1	1	0	0	0
Nurses, Professional	59	61	2	11	13
Personnel & Labor Relations Specialists	11	11	0	1	1
Pharmacists	1	1	0	0	0
Physicians &/or Surgeons	1	1	0	0	0
Public Relations Practitioners	1	1	0	0	0
Tax Examiners, Collectors &/or Revenue Agents	4	4	0	1	1
Appraisers, Real Estate	1	1	0	0	0
Group Recreation Workers	18	19	1	3	4
Speech Pathologists &/or Audiologists	1	1	0	0	0
All Other Professional Workers	34	35	1	5	6
TOTAL TECHNICAL WORKERS	961	981	20	111	131
Computer Programmers	9	9	0	0	0
Drafters	1	1	0	0	0
Electrical & Electronic Technicians	12	13	1	1	2
Surveyors	26	26	0	2	2
All Other Engineering Technicians	43	44	1	5	6
Physical Science Technicians	53	54	1	5	6
Biological Science Technicians	375	383	8	41	49
Air Traffic Controllers	8	8	0	0	0
Dental Assistants	9	9	0	2	2
Mathematical Technicians	1	1	0	0	0
Physician's Assistants	4	4	0	1	1
Airplane Pilots	2	2	0	0	0
Technical Assistants, Library	3	3	0	1	1
Pharmacy Helpers	3	3	0	1	1
Medical Record Librarians	9	9	0	2	2
Dental Hygienists	1	1	0	0	0
Medical Laboratory Technologists	9	9	0	2	2

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCONINO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Electrocardiograph Technicians	2	2	0	0	0
Radiologic &/or Nuclear Medical Technologists	5	5	0	1	1
All Other Medical & Dental Techs.	13	14	1	8	9
All Other Technicians	373	381	8	39	47
TOTAL SERVICE WORKERS	275	282	7	41	48
Janitors, Porters & Cleaners	51	52	1	9	10
Guards & Doorkeepers	34	35	1	2	3
Cooks, Institution or Cafeteria	51	52	1	8	9
All Other Food Service Workers	42	43	1	7	8
Housekeepers	2	2	0	0	0
Nurse's Aides &/or Orderlies	61	63	2	13	15
Guides, Sightseeing or Establishment	1	1	0	0	0
Social Service Aides	2	2	0	0	0
Occupational Therapy Assistants	1	1	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	9	9	0	0	0
Detectives, Police	10	10	0	1	1
Fire Fighters	11	12	1	1	2
TOTAL MAINTENANCE & PRODUCTION WORKERS	505	518	13	48	61
Mechanics, Automotive	8	8	0	1	1
Electric Tool Repairers	3	3	0	0	0
Electromedical Equipment Repairers	1	1	0	0	0
Engineering Equipment Mechanics	6	6	0	0	0
Hydroelectric Mechanics, Powerhouse/Gas Plant	14	15	1	1	2
Locksmiths	1	1	0	0	0
Mechanics, Maintenance	15	16	1	1	2
Refrigeration &/or Air Conditioning Mechanics	1	1	0	0	0
Electronic Mechanics	1	1	0	0	0
All Other Mechanics & Repairers	2	2	0	0	0
Truck Drivers	48	49	1	3	4
Blacksmiths	1	1	0	0	0
Carpenters	12	13	1	2	3
Crane, Derrick & Hoist Operators	1	1	0	0	0
Electricians	8	8	0	1	1
Supervisors, Nonworking	8	8	0	1	1
Heavy Equipment Operators	37	38	1	3	4
Industrial Truck Operators	1	1	0	0	0
Instrument Repairers	1	1	0	0	0
Line Installers/Repairers	6	6	0	0	0
Maintenance Repairers, General Utility	57	59	2	5	7
Painters, Maintenance	96	98	2	12	14
Plumbers &/or Pipefitters	4	4	0	0	0
Dental-Laboratory Technicians	1	1	0	0	0
Sewage Plant Operators	8	8	0	0	0
Stationary Engineers	15	16	1	2	3
Structural Steel Workers	1	1	0	0	0
Water Treatment Plant Operators	2	2	0	0	0
Welders &/or Flamecutters	1	1	0	0	0
Service Station/Fuel Pump Attendants	2	2	0	0	0
Fallers &/or Buckers	1	1	0	0	0
Loading Machine Operators	27	27	0	4	4
All Other Skilled Craft Workers	1	1	0	0	0
All Other Operatives & Semiskilled Workers	11	12	1	1	2
All Other Laborers & Unskilled Workers	103	105	2	11	13
TOTAL CLERICAL WORKERS	450	461	11	86	97
Computer Operators	10	10	0	1	1
Keypunch Operators	2	2	0	0	0
Stenographers	5	5	0	1	1
Accounting Clerks	28	28	0	5	5
Bookkeepers, Hand	3	3	0	1	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

COCONINO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Cashiers	1	1	0	0	0
Claims Clerks	1	1	0	0	0
General Office Clerks	63	65	2	13	15
Mail Clerks	7	7	0	1	1
Payroll &/or Timekeeping Clerks	9	9	0	2	2
Personnel Clerks	12	13	1	3	4
Procurement Clerks	2	2	0	0	0
Real Estate Clerks	3	3	0	1	1
Receptionists	3	3	0	1	1
Secretaries	47	48	1	11	12
Statistical Clerks	1	1	0	0	0
Switchboard Operators	4	4	0	1	1
Travel Clerks	5	5	0	1	1
Typists	82	84	2	21	23
Clerical Supervisors, Office or Plant	1	1	0	0	0
Postal Service Clerks	37	38	1	5	6
All Other Office Clerical Workers	41	42	1	9	10
Production Clerks &/or Coordinators	1	1	0	0	0
Postal Mail Carriers	70	72	2	6	8
All Other Plant Clerical Workers	12	13	1	3	4
TOTAL ALL OCCUPATIONS	2,982	3,054	72	377	449

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

GILA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	24	25	1	4	5
Public Administration Inspectors	1	1	0	0	0
Postmasters &/or Mail Superintendents	13	14	1	3	4
Managers & Officers	10	10	0	1	1
TOTAL PROFESSIONAL WORKERS	67	68	1	8	9
Agricultural Scientists	1	1	0	0	0
Biological Scientists	2	2	0	0	0
Foresters & Conservation Scientists	31	31	0	2	2
Psychologists	1	1	0	0	0
Teachers, Nonvocational Education	6	6	0	1	1
Caseworkers	6	6	0	1	1
Nurses, Professional	14	15	1	3	4
Physicians &/or Surgeons	2	2	0	0	0
All Other Professional Workers	4	4	0	1	1
TOTAL TECHNICAL WORKERS	108	110	2	13	15
Electrical & Electronic Technicians	2	2	0	0	0
Surveyors	4	4	0	0	0
All Other Engineering Technicians	4	4	0	0	0
Biological Science Technicians	71	73	2	8	10
Dental Assistants	4	4	0	1	1
Physician's Assistants	2	2	0	0	0
Radio Operators	8	8	0	1	1
Medical Record Librarians	6	6	0	1	1
Medical Laboratory Technologists	3	3	0	1	1
Radiologic &/or Nuclear Medical Technologists	1	1	0	0	0
All Other Medical & Dental Techs.	1	1	0	1	1
All Other Technicians	2	2	0	0	0
TOTAL SERVICE WORKERS	76	78	2	8	10
Janitors, Porters & Cleaners	4	4	0	1	1
Guards & Doorkeepers	1	1	0	0	0
Cooks, Institution or Cafeteria	6	6	0	1	1
All Other Food Service Workers	2	2	0	0	0
Nurse's Aides &/or Orderlies	14	15	1	3	4
Forest Conservation Workers	34	34	0	2	2
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	13	14	1	1	2
Detectives, Police	2	2	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	65	66	1	5	6
Mechanics, Automotive	1	1	0	0	0
Engineering Equipment Mechanics	4	4	0	0	0
Hydroelectric Mechanics, Powerhouse/Gas Plant	1	1	0	0	0
Mechanics, Maintenance	1	1	0	0	0
Truck Drivers	2	2	0	0	0
Carpenters	2	2	0	0	0
Supervisors, Nonworking	1	1	0	0	0
Heavy Equipment Operators	11	12	1	1	2
Maintenance Repairers, General Utility	5	5	0	0	0
Plumbers &/or Pipefitters	1	1	0	0	0
Stationary Boiler Firers	1	1	0	0	0
Stationary Engineers	5	5	0	1	1
All Other Laborers & Unskilled Workers	30	30	0	3	3
TOTAL CLERICAL WORKERS	93	95	2	13	15
Accounting Clerks	2	2	0	0	0
Cashiers	2	2	0	0	0
Claims Clerks	1	1	0	0	0
General Office Clerks	11	11	0	2	2
Payroll &/or Timekeeping Clerks	4	4	0	1	1
Real Estate Clerks	2	2	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

GILA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Secretaries	4	4	0	1	1
Typists	13	14	1	3	4
Postal Service Clerks	12	13	1	2	3
All Other Office Clerical Workers	7	7	0	1	1
Postal Mail Carriers	34	34	0	3	3
All Other Plant Clerical Workers	1	1	0	0	0
TOTAL ALL OCCUPATIONS	433	442	9	51	60

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

GRAHAM AND GREENLEE COUNTIES

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	33	34	1	5	6
Construction Inspectors	1	1	0	0	0
Postmasters &/or Mail Superintendents	9	9	0	2	2
Managers & Officers	23	24	1	3	4
TOTAL PROFESSIONAL WORKERS	45	46	1	2	3
Civil Engineers	3	3	0	0	0
Geologists & Geophysicists	3	3	0	0	0
Biological Scientists	7	7	0	1	1
Foresters & Conservation Scientists	20	21	1	1	2
Urban & Regional Planners	1	1	0	0	0
All Other Social Scientists	5	5	0	0	0
Teachers, Nonvocational Education	4	4	0	0	0
Personnel & Labor Relations Specialists	1	1	0	0	0
All Other Professional Workers	1	1	0	0	0
TOTAL TECHNICAL WORKERS	43	44	1	4	5
Electrical & Electronic Technicians	2	2	0	0	0
All Other Engineering Technicians	4	4	0	0	0
Biological Science Technicians	36	37	1	4	5
Physician's Assistants	1	1	0	0	0
TOTAL SERVICE WORKERS	26	27	1	4	5
Kitchen Helpers	1	1	0	0	0
Cooks, Institution or Cafeteria	4	4	0	0	0
Supervisors, Nonworking-Service	1	1	0	0	0
Medical Assistants	2	2	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	1	1	0	0	0
Correction Officers &/or Jailers	17	18	1	4	5
TOTAL MAINTENANCE & PRODUCTION WORKERS	13	13	0	0	0
Mechanics, Automotive	1	1	0	0	0
Mechanics, Maintenance	2	2	0	0	0
Electricians	1	1	0	0	0
Maintenance Repairers, General Utility	2	2	0	0	0
Sewing Machine Operators, Regular Equipment	1	1	0	0	0
Stationary Boiler Firers	1	1	0	0	0
Stationary Engineers	1	1	0	0	0
All Other Laborers & Unskilled Workers	4	4	0	0	0
TOTAL CLERICAL WORKERS	70	71	1	9	10
Stenographers	3	3	0	1	1
Accounting Clerks	2	2	0	0	0
Claims Clerks	1	1	0	0	0
General Office Clerks	12	12	0	2	2
Payroll &/or Timekeeping Clerks	1	1	0	0	0
Personnel Clerks	1	1	0	0	0
Real Estate Clerks	1	1	0	0	0
Secretaries	1	1	0	0	0
Typists	11	11	0	2	2
Postal Service Clerks	10	10	0	1	1
All Other Office Clerical Workers	5	6	0	1	1
Postal Mail Carriers	22	23	1	2	3
TOTAL ALL OCCUPATIONS	230	235	5	24	29

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	913	956	43	132	175
Public Administration Inspectors	177	185	8	24	32
Construction Inspectors	56	58	2	9	11
Postmasters &/or Mail Superintendents	26	28	2	6	8
Managers & Officers	654	685	31	93	124
TOTAL PROFESSIONAL WORKERS	2,515	2,628	113	348	461
Aeronautical Engineers	5	5	0	0	0
Agricultural Engineers	4	4	0	0	0
Civil Engineers	123	129	6	16	22
Electrical & Electronic Engineers	37	39	2	2	4
Industrial Engineers	3	3	0	0	0
Mechanical Engineers	5	5	0	0	0
Mining Engineers	6	6	0	1	1
Safety Engineers	2	2	0	0	0
Nuclear Engineers	1	1	0	0	0
All Other Engineers	26	28	2	2	4
Mathematicians	2	2	0	0	0
Statisticians	7	7	0	1	1
All Other Mathematical Scientists	3	3	0	1	1
Chemists	9	9	0	1	1
Geologists & Geophysicists	36	38	2	3	5
Meteorologists	16	16	0	1	1
Physicists	4	4	0	0	0
All Other Physical Scientists	2	2	0	0	0
Agricultural Scientists	27	29	2	4	6
Biological Scientists	92	96	4	10	14
Foresters & Conservation Scientists	61	63	2	4	6
Economists	13	13	0	1	1
Psychologists	31	33	2	3	5
Sociologists	1	1	0	0	0
Urban & Regional Planners	3	3	0	0	0
All Other Social Scientists	18	18	0	1	1
Systems Analysts, EDP	21	23	2	1	3
Teachers, Nonvocational Education	103	108	5	11	16
Photographers	3	3	0	0	0
Purchasing Agents &/or Buyers	114	120	6	15	21
Accountants & Auditors	89	93	4	13	17
Landscape Architects	4	4	0	1	1
Architects	7	7	0	1	1
Caseworkers	36	38	2	6	8
Clergy	11	11	0	2	2
Commercial Artists	3	3	0	1	1
Dentists	6	6	0	1	1
Dietitians &/or Nutritionists	15	15	0	3	3
Writers &/or Editors	7	7	0	1	1
Law Clerks	48	50	2	5	7
Lawyers	80	84	4	9	13
Librarians, Professional	5	5	0	1	1
Nurses, Professional	436	457	21	83	104
Occupational Therapists	3	3	0	0	0
Paralegal Personnel	4	4	0	0	0
Personnel & Labor Relations Specialists	111	117	6	13	19
Pharmacists	27	29	2	6	8
Physical Therapists	4	4	0	1	1
Physicians &/or Surgeons	177	185	8	26	34
Podiatrists	1	1	0	0	0
Public Relations Practitioners	10	10	0	1	1
Veterinarians	11	11	0	1	1
Judges	19	19	0	5	5
Tax Examiners, Collectors &/or Revenue Agents	181	189	8	27	35
Appraisers, Real Estate	34	36	2	7	9
Group Recreation Workers	3	3	0	0	0
Manual Arts, Music &/or Recreation Therapists	3	3	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Speech Pathologists &/or Audiologists	8	8	0	1	1
Corrective Therapists	1	1	0	0	0
All Other Professional Workers	393	412	19	55	74
TOTAL TECHNICAL WORKERS	1,007	1,055	48	116	164
Computer Programmers	15	15	0	1	1
Drafters	33	35	2	3	5
Electrical & Electronic Technicians	69	73	4	4	8
Surveyors	41	43	2	3	5
Broadcast Technicians	4	4	0	0	0
All Other Engineering Technicians	139	145	6	15	21
Physical Science Technicians	25	27	2	2	4
Biological Science Technicians	147	154	7	16	23
Air Traffic Controllers	176	184	8	7	15
Dental Assistants	21	22	1	6	7
Mathematical Technicians	1	1	0	0	0
Physician's Assistants	4	4	0	1	1
Airplane Pilots	21	22	1	1	2
Radio Operators	2	2	0	0	0
Technical Assistants, Library	5	5	0	1	1
Pharmacy Helpers	14	14	0	3	3
Medical Record Librarians	16	16	0	4	4
Dental Hygienists	1	1	0	0	0
Medical Laboratory Technologists	65	69	4	12	16
Electrocardiograph Technicians	35	37	2	5	7
Radiologic &/or Nuclear Medical Technologists	21	22	1	3	4
All Other Medical & Dental Techs.	27	29	2	16	18
All Other Technicians	125	131	6	13	19
TOTAL SERVICE WORKERS	883	926	43	128	171
Janitors, Porters & Cleaners	141	147	6	25	31
Guards & Doorkeepers	29	31	2	2	4
Bakers, Bread &/or Pastry	1	1	0	0	0
Butchers &/or Meat Cutters	30	32	2	3	5
Cooks, Institution or Cafeteria	41	43	2	6	8
All Other Food Service Workers	104	109	5	19	24
Barbers	1	1	0	0	0
Supervisors, Nonworking-Service	1	1	0	0	0
Housekeepers	2	2	0	0	0
Nurse's Aides &/or Orderlies	241	253	12	52	64
Forest Conservation Workers	1	1	0	0	0
Fish & Game Wardens	1	1	0	0	0
Social Service Aides	1	1	0	0	0
Occupational Therapy Assistants	3	3	0	1	1
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	28	30	2	2	4
Detectives, Police	170	178	8	9	17
Correction Officers &/or Jailers	6	6	0	1	1
U.S. Marshalls	22	24	2	5	7
Fire Fighters	59	61	2	3	5
All Other Service Workers	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	1,532	1,598	66	137	203
Mechanics, Aircraft	244	256	12	14	26
Mechanics, Automotive	48	50	2	4	6
Body Repairers, Automotive	2	2	0	0	0
Camera &/or Motion Picture Repairers	1	1	0	0	0
Electric Tool Repairers	5	5	0	0	0
Electrical Instrument Repairers	10	10	0	1	1
Electromedical Equipment Mechanics	7	7	0	1	1
Engineering Equipment Mechanics	29	31	2	2	4
Hydroelectric Mechanics, Powerhouse/Gas Plant	15	15	0	1	1
Laundry Machine Mechanics	1	1	0	0	0
Locksmiths	2	2	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Mechanics, Maintenance	103	108	5	9	14
Refrigeration &/or Air Conditioning Mechanics	50	52	2	5	7
Car Repairers, Railroad	1	1	0	0	0
Electronic Mechanics	85	89	4	5	9
Data Processing Machine Repairers	1	1	0	0	0
All Other Mechanics & Repairers	49	51	2	4	6
Markers, Classifiers &/or Assemblers	18	18	0	4	4
Washers, Machine &/or Starchers	2	2	0	0	0
Dry Cleaning Machine Operators	1	1	0	0	0
Truck Drivers	99	103	4	7	11
Cabinetmakers	8	8	0	1	1
Cable Splicers	7	7	0	0	0
Carpenters	28	30	2	4	6
Cement Masons	1	1	0	0	0
Crane, Derrick & Hoist Operators	2	2	0	0	0
Craters	7	7	0	1	1
Electricians	42	44	2	4	6
Exterminators	1	1	0	0	0
Supervisors, Nonworking	16	16	0	2	2
Heavy Equipment Operators	19	19	0	2	2
Industrial Truck Operators	37	39	2	3	5
Inspectors	12	12	0	2	2
Line Installers/Repairers	22	24	2	1	3
Maintenance Repairers, General Utility	59	61	2	5	7
Painters, Maintenance	29	31	2	4	6
Electroplaters	1	1	0	0	0
Plumbers &/or Pipefitters	23	25	2	2	4
Rotary Drill Operators	21	22	1	2	3
Dental-Laboratory Technicians	2	2	0	0	0
Sewage Plant Operators	5	5	0	0	0
Sewing Machine Operators, Regular Equipment	1	1	0	0	0
Sheet Metal Workers	27	29	2	2	4
Stationary Boiler Firers	3	3	0	0	0
Stationary Engineers	12	12	0	1	1
Stone Masons	1	1	0	0	0
Substation Operators	1	1	0	0	0
Animal Caretakers	33	35	2	7	9
Tire Fabricators &/or Repairers	1	1	0	0	0
Tool & Die Makers	3	3	0	0	0
Water Treatment Plant Operators	4	4	0	0	0
Welders &/or Flamecutters	15	15	0	2	2
Offset Lithographic Press Operators	5	5	0	1	1
Service Station/Fuel Pump Attendants	3	3	0	0	0
Stock Clerks, Sales Floor	2	2	0	0	0
Highway Maintenance Workers	3	3	0	0	0
Machine Tool Operators, Combination	10	10	0	1	1
Testers	5	5	0	1	1
Painters, Production	1	1	0	0	0
Loading Machine Operators	1	1	0	0	0
Gardeners & Groundskeepers	6	6	0	1	1
All Other Bindery Workers	1	1	0	0	0
All Other Skilled Craft Workers	1	1	0	0	0
All Other Operatives & Semiskilled Workers	30	32	2	3	5
All Other Laborers & Unskilled Workers	248	260	12	28	40
TOTAL CLERICAL WORKERS	6,019	6,303	284	852	1,136
Computer Operators	11	11	0	1	1
Keypunch Operators	34	36	2	7	9
All Other Office Machine Operators	8	8	0	2	2
Stenographers	121	127	6	25	31
Accounting Clerks	138	144	6	27	33
Bookkeepers, Hand	20	20	0	4	4
Cashiers	12	12	0	2	2
Claims Adjusters	45	47	2	5	7

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MARICOPA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Claims Clerks	91	95	4	19	23
General Office Clerks	471	494	23	101	124
Mail Clerks	60	62	2	10	12
Payroll &/or Timekeeping Clerks	22	24	2	4	6
Personnel Clerks	103	108	5	28	33
Procurement Clerks	44	46	2	5	7
Real Estate Clerks	37	39	2	8	10
Receptionists	9	9	0	2	2
Secretaries	277	291	14	63	77
Statistical Clerks	8	8	0	2	2
Switchboard Operators	60	62	2	16	18
Travel Clerks	5	5	0	1	1
Typists	353	370	17	90	107
Clerical Supervisors, Office or Plant	17	17	0	2	2
Postal Service Clerks	361	379	18	44	62
All Other Office Clerical Workers	346	362	16	74	90
Production Clerks &/or Coordinators	12	12	0	1	1
Shipping Packers	1	1	0	0	0
Shipping &/or Receiving Clerks	10	10	0	1	1
Stock Clerks, Stockroom, Warehouse or Storage	17	17	0	2	2
Dispatchers, Vehicle, Service or Work	8	8	0	1	1
Postal Mail Carriers	3,209	3,364	155	282	437
All Other Plant Clerical Workers	109	115	6	23	29
TOTAL SALES WORKERS	79	83	4	10	14
Sales Clerks	79	83	4	10	14
TOTAL ALL OCCUPATIONS	12,948	13,549	601	1,723	2,324

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

MOHAVE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	39	39	0	6	6
Construction Inspectors	1	1	0	0	0
Postmasters &/or Mail Superintendents	11	11	0	2	2
Managers & Officers	27	27	0	4	4
TOTAL PROFESSIONAL WORKERS	23	24	1	1	2
Electrical & Electronic Engineers	2	2	0	0	0
Geologists & Geophysicists	1	1	0	0	0
Agricultural Scientists	1	1	0	0	0
Biological Scientists	11	12	1	1	2
Foresters & Conservation Scientists	3	3	0	0	0
Purchasing Agents &/or Buyers	1	1	0	0	0
Caseworkers	1	1	0	0	0
Nurses, Professional	2	2	0	0	0
All Other Professional Workers	1	1	0	0	0
TOTAL TECHNICAL WORKERS	27	28	1	2	3
Electrical & Electronic Technicians	1	1	0	0	0
Surveyors	1	1	0	0	0
All Other Engineering Technicians	1	1	0	0	0
Biological Science Technicians	22	23	1	2	3
Medical Record Librarians	1	1	0	0	0
All Other Technicians	1	1	0	0	0
TOTAL SERVICE WORKERS	8	8	0	0	0
Janitors, Porters & Cleaners	1	1	0	0	0
Nurse's Aides &/or Orderlies	1	1	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	3	3	0	0	0
Detectives, Police	2	2	0	0	0
U.S. Marshalls	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	69	71	2	6	8
Mechanics, Automotive	1	1	0	0	0
Engineering Equipment Mechanics	1	1	0	0	0
Hydroelectric Mechanics, Powerhouse/Gas Plant	11	12	1	1	2
Mechanics, Maintenance	4	4	0	0	0
Truck Drivers	2	2	0	0	0
Carpenters	4	4	0	0	0
Electricians	1	1	0	0	0
Supervisors, Nonworking	4	4	0	0	0
Heavy Equipment Operators	7	7	0	1	1
Industrial Truck Operators	1	1	0	0	0
Maintenance Repairers, General Utility	8	8	0	1	1
Oilers	1	1	0	0	0
Painters, Maintenance	1	1	0	0	0
Rotary Drill Operators	1	1	0	0	0
Stationary Boiler Firers	1	1	0	0	0
Stationary Engineers	5	5	0	1	1
Water Treatment Plant Operators	1	1	0	0	0
All Other Laborers & Unskilled Workers	15	16	1	2	3
TOTAL CLERICAL WORKERS	101	102	1	11	12
Accounting Clerks	1	1	0	0	0
General Office Clerks	11	11	0	2	2
Real Estate Clerks	1	1	0	0	0
Secretaries	4	4	0	1	1
Typists	5	5	0	1	1
Postal Service Clerks	26	26	0	3	3
All Other Office Clerical Workers	2	2	0	0	0
Postal Mail Carriers	51	52	1	4	5
TOTAL ALL OCCUPATIONS	267	272	5	26	31

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

NAVAJO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	60	62	2	10	12
Construction Inspectors	3	3	0	0	0
Postmasters &/or Mail Superintendents	21	22	1	5	6
Managers & Officers	36	37	1	5	6
TOTAL PROFESSIONAL WORKERS	518	529	11	61	72
All Engineers	1	1	0	0	0
Agricultural Scientists	1	1	0	0	0
Biological Scientists	10	10	0	1	1
Foresters & Conservation Scientists	47	48	1	3	4
Teachers, Nonvocational Education	323	330	7	35	42
Purchasing Agents &/or Buyers	2	2	0	0	0
Caseworkers	11	12	1	2	3
Dietitians &/or Nutritionists	1	1	0	0	0
Librarians, Professional	2	2	0	0	0
Nurses, Professional	74	75	1	14	15
Personnel & Labor Relations Specialists	2	2	0	0	0
Physical Therapists	1	1	0	0	0
Physicians &/or Surgeons	3	3	0	0	0
Veterinarians	1	1	0	0	0
Group Recreation Workers	28	28	0	4	4
All Other Professional Workers	11	12	1	2	3
TOTAL TECHNICAL WORKERS	719	735	16	86	102
Electrical & Electronic Technicians	2	2	0	0	0
Surveyors	9	9	0	1	1
Broadcast Technicians	2	2	0	0	0
All Other Engineering Technicians	11	11	0	1	1
Physical Science Technicians	6	6	0	0	0
Biological Science Technicians	125	127	2	14	16
Dental Assistants	19	20	1	5	6
Physician's Assistants	7	7	0	2	2
Radio Operators	4	4	0	0	0
Technical Assistants, Library	2	2	0	0	0
Pharmacy Helpers	4	4	0	1	1
Medical Record Librarians	13	14	1	3	4
Medical Laboratory Technologists	15	16	1	3	4
Radiologic &/or Nuclear Medical Technologists	6	6	0	1	1
All Other Medical & Dental Techs.	7	7	0	4	4
All Other Technicians	487	498	11	51	62
TOTAL SERVICE WORKERS	490	502	12	59	71
Janitors, Porters & Cleaners	53	54	1	9	10
Guards & Doorkeepers	7	7	0	0	0
Cooks, Institution or Cafeteria	71	73	2	11	13
All Other Food Service Workers	39	40	1	7	8
Nurse's Aides &/or Orderlies	67	69	2	14	16
Forest Conservation Workers	221	226	5	16	21
Guides, Sightseeing or Establishment	1	1	0	0	0
Social Service Aides	3	3	0	1	1
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	24	25	1	1	2
Detectives, Police	4	4	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	314	321	7	28	35
Mechanics, Automotive	6	6	0	0	0
Engineering Equipment Mechanics	5	5	0	0	0
Mechanics, Maintenance	3	3	0	0	0
Refrigeration &/or Air Conditioning Mechanics	1	1	0	0	0
Electronic Mechanics	1	1	0	0	0
Truck Drivers	67	69	2	5	7
Carpenters	3	3	0	0	0
Electricians	4	4	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

NAVAJO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Supervisors, Nonworking	9	9	0	1	1
Heavy Equipment Operators	42	43	1	4	5
Maintenance Repairers, General Utility	48	49	1	4	5
Painters, Maintenance	7	7	0	1	1
Plumbers &/or Pipefitters	1	1	0	0	0
Stationary Boiler Firers	4	4	0	0	0
Stationary Engineers	3	3	0	0	0
Animal Caretakers	10	10	0	2	2
Welders &/or Flamecutters	3	3	0	0	0
Gardeners & Groundskeepers	12	13	1	2	3
All Other Operatives & Semiskilled Workers	12	13	1	1	2
All Other Laborers & Unskilled Workers	73	74	1	8	9
TOTAL CLERICAL WORKERS	233	237	4	45	49
Accounting Clerks	4	4	0	1	1
General Office Clerks	27	27	0	6	6
Mail Clerks	1	1	0	0	0
Payroll &/or Timekeeping Clerks	1	1	0	0	0
Personnel Clerks	3	3	0	1	1
Procurement Clerks	1	1	0	0	0
Real Estate Clerks	1	1	0	0	0
Receptionists	1	1	0	0	0
Secretaries	38	39	1	9	10
Switchboard Operators	2	2	0	1	1
Typists	49	50	1	12	13
Clerical Supervisors, Office or Plant	1	1	0	0	0
Postal Service Clerks	24	25	1	3	4
All Other Office Clerical Workers	31	31	0	7	7
Weighers, Recordkeeping	2	2	0	0	0
Postal Mail Carriers	39	40	1	3	4
All Other Plant Clerical Workers	8	8	0	2	2
TOTAL SALES WORKERS	1	1	0	0	0
Sales Clerks	1	1	0	0	0
TOTAL ALL OCCUPATIONS	2,335	2,387	52	289	341

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PIMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	362	366	4	52	56
Public Administration Inspectors	109	110	1	15	16
Construction Inspectors	7	7	0	1	1
Postmasters &/or Mail Superintendents	13	13	0	3	3
Managers & Officers	233	236	3	33	36
TOTAL PROFESSIONAL WORKERS	1,041	1,059	18	138	156
Aeronautical Engineers	1	1	0	0	0
Civil Engineers	16	17	1	2	3
Electrical & Electronic Engineers	1	1	0	0	0
Industrial Engineers	6	6	0	0	0
Mechanical Engineers	3	3	0	0	0
All Other Engineers	15	15	0	1	1
Mathematicians	3	3	0	1	1
Statisticians	1	1	0	0	0
All Other Mathematical Scientists	3	3	0	1	1
Chemists	2	2	0	0	0
Geologists & Geophysicists	50	51	1	4	5
Meteorologists	1	1	0	0	0
Physicists	1	1	0	0	0
All Other Physical Scientists	6	6	0	0	0
Agricultural Scientists	9	9	0	1	1
Biological Scientists	39	39	0	4	4
Foresters & Conservation Scientists	20	21	1	1	2
Economists	7	7	0	1	1
Psychologists	11	11	0	1	1
Urban & Regional Planners	1	1	0	0	0
All Other Social Scientists	19	20	1	1	2
Systems Analysts, EDP	16	17	1	1	2
Teachers, Nonvocational Education	83	85	2	9	11
Photographers	4	4	0	0	0
Purchasing Agents &/or Buyers	39	39	0	5	5
Accountants & Auditors	28	29	1	4	5
Landscape Architects	4	4	0	0	0
Architects	1	1	0	0	0
Caseworkers	17	18	1	3	4
Clergy	5	5	0	1	1
Commercial Artists	5	5	0	1	1
Dentists	2	2	0	0	0
Dietitians &/or Nutritionists	8	8	0	2	2
Writers &/or Editors	8	8	0	1	1
Law Clerks	17	18	1	2	3
Lawyers	14	14	0	1	1
Librarians, Professional	2	2	0	0	0
Curators, Museum	1	1	0	0	0
Nurses, Professional	184	187	3	35	38
Occupational Therapists	2	2	0	0	0
Optometrists	1	1	0	0	0
Paralegal Personnel	1	1	0	0	0
Personnel & Labor Relations Specialists	38	38	0	4	4
Pharmacists	12	12	0	2	2
Physical Therapists	4	4	0	1	1
Physicians &/or Surgeons	145	147	2	21	23
Podiatrists	3	3	0	1	1
Public Relations Practitioners	2	2	0	0	0
Veterinarians	1	1	0	0	0
Judges	2	2	0	1	1
Tax Examiners, Collectors &/or Revenue Agents	53	54	1	8	9
Appraisers, Real Estate	2	2	0	0	0
Group Recreation Workers	1	1	0	0	0
Manual Arts, Music &/or Recreation Therapists	1	1	0	0	0
Speech Pathologists &/or Audiologists	4	4	0	1	1
Corrective Therapists	2	2	0	0	0
All Other Professional Workers	114	116	2	16	18

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PIMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL TECHNICAL WORKERS	577	587	10	69	79
Computer Programmers	11	11	0	1	1
Drafters	2	2	0	0	0
Electrical & Electronic Technicians	34	34	0	2	2
Surveyors	8	8	0	0	0
Broadcast Technicians	8	8	0	0	0
All Other Engineering Technicians	32	33	1	3	4
Physical Science Technicians	15	15	0	1	1
Biological Science Technicians	104	105	1	11	12
Air Traffic Controllers	81	83	2	3	5
Dental Assistants	9	9	0	2	2
Physician's Assistants	4	4	0	1	1
Airplane Pilots	34	34	0	2	2
Technical Assistants, Library	5	5	0	1	1
Pharmacy Helpers	10	10	0	2	2
Medical Record Librarians	21	22	1	5	6
Medical Laboratory Technologists	39	39	0	7	7
Prosthetists/Orthotists	2	2	0	0	0
Electrocardiograph Technicians	26	27	1	4	5
Radiologic &/or Nuclear Medical Technologists	21	22	1	3	4
All Other Medical & Dental Techs.	18	19	1	11	12
All Other Technicians	93	95	2	10	12
TOTAL SERVICE WORKERS	450	459	9	66	75
Janitors, Porters & Cleaners	75	76	1	13	14
Guards & Doorkeepers	8	8	0	0	0
Bakers, Bread &/or Pastry	1	1	0	0	0
Butchers &/or Meat Cutters	20	21	1	2	3
Cooks, Institution or Cafeteria	17	18	1	3	4
All Other Food Service Workers	55	56	1	10	11
Barbers	1	1	0	0	0
Housekeepers	2	2	0	0	0
Nurse's Aides &/or Orderlies	125	127	2	27	29
Social Service Aides	3	3	0	1	1
Medical Assistants	1	1	0	0	0
Occupational Therapy Assistants	2	2	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	26	27	1	1	2
Detectives, Police	61	62	1	3	4
U.S. Marshalls	17	18	1	4	5
Fire Fighters	36	36	0	2	2
TOTAL MAINTENANCE & PRODUCTION WORKERS	1,166	1,183	17	99	116
Mechanics, Aircraft	276	281	5	16	21
Mechanics, Automotive	34	34	0	3	3
Body Repairers, Automotive	2	2	0	0	0
Electric Tool Repairers	2	2	0	0	0
Electromedical Equipment Repairers	1	1	0	0	0
Engineering Equipment Mechanics	16	16	0	1	1
Locksmiths	1	1	0	0	0
Mechanics, Maintenance	30	31	1	3	4
Refrigeration &/or Air Conditioning Mechanics	31	32	1	3	4
Electronic Mechanics	61	62	1	3	4
Gas & Electronic Appliance Repairers	2	2	0	0	0
All Other Mechanics & Repairers	52	53	1	5	6
Markers, Classifiers &/or Assemblers	1	1	0	0	0
Truck Drivers	63	64	1	5	6
Cabinetmakers	1	1	0	0	0
Cable Splicers	2	2	0	0	0
Carpenters	34	34	0	4	4
Cement Masons	1	1	0	0	0
Crane, Derrick & Hoist Operators	5	5	0	0	0
Craters	24	25	1	3	4

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PIMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Electricians	35	35	0	3	3
Exterminators	1	1	0	0	0
Supervisors, Nonworking	11	11	0	1	1
Heavy Equipment Operators	17	18	1	1	2
Riggers	2	2	0	0	0
Industrial Truck Operators	35	35	0	3	3
Inspectors	16	16	0	2	2
Maintenance Repairers, General Utility	37	37	0	3	3
Oilers	2	2	0	0	0
Painters, Maintenance	55	56	1	7	8
Plasterers	2	2	0	0	0
Plumbers &/or Pipefitters	17	18	1	2	3
Roofers	1	1	0	0	0
Dental-Laboratory Technicians	1	1	0	0	0
Sandblasters &/or Shotblasters	4	4	0	0	0
Sheet Metal Workers	15	15	0	1	1
Stationary Boiler Firers	6	6	0	1	1
Stationary Engineers	2	2	0	0	0
Stone Masons	1	1	0	0	0
Track Layers	1	1	0	0	0
Welders &/or Flamecutters	4	4	0	0	0
Offset Lithographic Press Operators	3	3	0	0	0
Service Station/Fuel Pump Attendants	3	3	0	0	0
Stock Clerks, Sales Floor	1	1	0	0	0
Highway Maintenance Workers	3	3	0	0	0
Machine Tool Operators, Combination	4	4	0	1	1
Testers'	5	5	0	1	1
Loading Machine Operators	2	2	0	0	0
Upholsterers	1	1	0	0	0
Gardeners & Groundskeepers	5	5	0	1	1
All Other Skilled Craft Workers	2	2	0	0	0
All Other Operatives & Semiskilled Workers	65	66	1	7	8
All Other Laborers & Unskilled Workers	168	170	2	19	21
TOTAL CLERICAL WORKERS	1,899	1,928	29	284	313
Computer Operators	11	11	0	1	1
Keypunch Operators	22	23	1	5	6
All Other Office Machine Operators	2	2	0	1	1
Stenographers	35	35	0	7	7
Accounting Clerks	43	43	0	8	8
Bookkeepers, Hand	6	6	0	1	1
Cashiers	3	3	0	1	1
Claims Adjusters	1	1	0	0	0
Claims Clerks	25	26	1	5	6
Correspondence Clerks	2	2	0	0	0
General Office Clerks	161	164	3	34	37
Mail Clerks	13	13	0	2	2
Payroll &/or Timekeeping Clerks	16	16	0	3	3
Personnel Clerks	26	27	1	7	8
Procurement Clerks	8	8	0	1	1
Real Estate Clerks	1	1	0	0	0
Receptionists	4	4	0	1	1
Secretaries	141	143	2	32	34
Statistical Clerks	5	5	0	1	1
Switchboard Operators	10	10	0	3	3
Messengers	2	2	0	0	0
Travel Clerks	1	1	0	0	0
Typists	131	133	2	33	35
Clerical Supervisors, Office or Plant	5	5	0	1	1
Postal Service Clerks	110	111	1	13	14
All Other Office Clerical Workers	148	151	3	31	34
Production Clerks &/or Coordinators	30	31	1	3	4
Shipping Packers	7	7	0	1	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PIMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Shipping &/or Receiving Clerks	1	1	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	3	3	0	0	0
Dispatchers, Vehicle, Service or Work	1	1	0	0	0
Postal Mail Carriers	852	865	13	74	87
All Other Plant Clerical Workers	73	74	1	15	16
TOTAL SALES WORKERS	39	39	0	5	5
Sales Clerks	39	39	0	5	5
TOTAL ALL OCCUPATIONS	5,534	5,621	87	713	800

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PINAL COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	50	51	1	9	10
Public Administration Inspectors	5	5	0	1	1
Construction Inspectors	1	1	0	0	0
Postmasters &/or Mail Superintendents	15	16	1	4	5
Managers & Officers	29	29	0	4	4
TOTAL PROFESSIONAL WORKERS	63	64	1	9	10
Agricultural Engineers	1	1	0	0	0
Civil Engineers	2	2	0	0	0
Electrical & Electronic Engineers	1	1	0	0	0
All Other Engineers	2	2	0	0	0
Agricultural Scientists	2	2	0	0	0
Biological Scientists	10	10	0	1	1
Foresters & Conservation Scientists	5	5	0	0	0
All Other Social Scientists	1	1	0	0	0
Teachers, Nonvocational Education	6	6	0	1	1
Caseworkers	6	6	0	1	1
Nurses, Professional	15	16	1	3	4
Physicians &/or Surgeons	4	4	0	1	1
Pharmacists	4	4	0	1	1
All Other Professional Workers	4	4	0	1	1
TOTAL TECHNICAL WORKERS	46	47	1	6	7
Drafters	1	1	0	0	0
Surveyors	11	11	0	1	1
All Other Engineering Technicians	2	2	0	0	0
Physical Science Technicians	1	1	0	0	0
Biological Science Technicians	12	13	1	1	2
Dental Assistants	2	2	0	1	1
Physician's Assistants	2	2	0	0	0
Medical Record Librarians	2	2	0	0	0
Medical Laboratory Technologists	3	3	0	1	1
Radiologic &/or Nuclear Medical Technologists	1	1	0	0	0
All Other Medical & Dental Techs.	1	1	0	1	1
All Other Technicians	8	8	0	1	1
TOTAL SERVICE WORKERS	65	67	2	11	13
Janitors, Porters & Cleaners	5	5	0	1	1
Cooks, Institution or Cafeteria	7	7	0	1	1
All Other Food Service Workers	1	1	0	0	0
Supervisors, Nonworking-Service	1	1	0	0	0
Nurse's Aides &/or Orderlies	13	14	1	3	4
Medical Assistants	1	1	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	11	11	0	1	1
Detectives, Police	4	4	0	0	0
Correction Officers &/or Jailers	21	22	1	5	6
All Other Service Workers	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	140	145	5	8	13
Mechanics, Automotive	5	5	0	0	0
Engineering Equipment Mechanics	4	4	0	0	0
Hydroelectric Mechanics, Powerhouse/Gas Plant	15	16	1	1	2
Mechanics, Maintenance	16	17	1	1	2
Refrigeration &/or Air Conditioning Mechanics	1	1	0	0	0
Truck Drivers	5	5	0	0	0
Carpenters	1	1	0	0	0
Crane, Derrick & Hoist Operators	4	4	0	0	0
Electricians	2	2	0	0	0
Supervisors, Nonworking	6	6	0	1	1
Heavy Equipment Operators	15	16	1	1	2
Line Installers/Repairers	19	20	1	1	2
Maintenance Repairers, General Utility	8	8	0	1	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

PINAL COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Oilers	2	2	0	0	0
Painters, Maintenance	1	1	0	0	0
Plumbers &/or Pipefitters	2	2	0	0	0
Rotary Drill Operators	4	4	0	0	0
Substation Operators	5	5	0	0	0
Welders &/or Flamecutters	1	1	0	0	0
Service Station/Fuel Pump Attendants	1	1	0	0	0
Machine Tool Operators, Combination	2	2	0	0	0
All Other Skilled Craft Workers	5	5	0	0	0
All Other Laborers & Unskilled Workers	16	17	1	2	3
TOTAL CLERICAL WORKERS	177	181	4	25	29
Office Machine Operators	1	1	0	0	0
Accounting Clerks	8	8	0	1	1
Bookkeepers, Hand	1	1	0	0	0
Cashiers	7	7	0	1	1
Claims Clerks	7	7	0	1	1
General Office Clerks	9	9	0	2	2
Payroll &/or Timekeeping Clerks	1	1	0	0	0
Procurement Clerks	1	1	0	0	0
Real Estate Clerks	2	2	0	0	0
Secretaries	8	8	0	2	2
Typists	15	16	1	4	5
Postal Service Clerks	34	34	0	4	4
All Other Office Clerical Workers	13	14	1	3	4
Postal Mail Carriers	65	67	2	6	8
All Other Plant Clerical Workers	5	5	0	1	1
TOTAL ALL OCCUPATIONS	541	555	14	68	82

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

SANTA CRUZ COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	187	190	3	25	28
Public Administration Inspectors	171	174	3	23	26
Postmasters &/or Mail Superintendents	5	5	0	1	1
Managers & Officers	11	11	0	1	1
TOTAL PROFESSIONAL WORKERS	31	32	1	2	3
Biological Scientists	16	17	1	2	3
Foresters & Conservation Scientists	5	5	0	0	0
Economists	1	1	0	0	0
Teachers, Nonvocational Education	1	1	0	0	0
Nurses, Professional	1	1	0	0	0
Paralegal Personnel	2	2	0	0	0
Veterinarians	1	1	0	0	0
Physicians &/or Surgeons	1	1	0		
All Other Professional Workers	3	3	0	0	0
TOTAL TECHNICAL WORKERS	21	22	1	2	3
Biological Science Technicians	19	20	1	2	3
All Other Technicians	2	2	0	0	0
TOTAL SERVICE WORKERS	23	24	1	2	3
Janitors, Porters & Cleaners	5	5	0	1	1
Fish & Game Wardens	1	1	0	0	0
Detectives, Police	17	18	1	1	2
TOTAL MAINTENANCE & PRODUCTION WORKERS	16	16	0	1	1
Mechanics, Automotive	1	1	0	0	0
Refrigeration &/or Air Conditioning Mechanics	1	1	0	0	0
Electronic Mechanics	1	1	0	0	0
Electricians	2	2	0	0	0
Heavy Equipment Operators	1	1	0	0	0
Maintenance Repairers, General Utility	2	2	0	0	0
Plumbers &/or Pipefitters	1	1	0	0	0
Stationary Boiler Firers	1	1	0	0	0
All Other Laborers & Unskilled Workers	6	6	0	1	1
TOTAL CLERICAL WORKERS	83	86	3	15	18
Stenographers	4	4	0	1	1
Cashiers	3	3	0	1	1
Claims Clerks	3	3	0	1	1
General Office Clerks	11	11	0	2	2
Payroll &/or Timekeeping Clerks	1	1	0	0	0
Receptionists	1	1	0	0	0
Secretaries	7	7	0	2	2
Typists	8	8	0	2	2
Postal Service Clerks	11	12	1	1	2
All Other Office Clerical Workers	14	15	1	3	4
Postal Mail Carriers	20	21	1	2	3
TOTAL ALL OCCUPATIONS	361	370	9	47	56

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YAVAPAI COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	46	47	1	8	9
Postmasters &/or Mail Superintendents	18	19	1	4	5
Managers & Officers	28	28	0	4	4
TOTAL PROFESSIONAL WORKERS	200	203	3	30	33
Agricultural Engineers	1	1	0	0	0
Civil Engineers	4	4	0	0	0
All Other Engineers	2	2	0	0	0
Geologists & Geophysicists	1	1	0	0	0
Agricultural Scientists	4	4	0	1	1
Biological Scientists	4	4	0	0	0
Foresters & Conservation Scientists	28	28	0	2	2
Psychologists	3	3	0	0	0
Purchasing Agents &/or Buyers	5	5	0	1	1
Accountants & Auditors	1	1	0	0	0
Landscape Architects	1	1	0	0	0
Caseworkers	9	9	0	2	2
Clergy	2	2	0	0	0
Dentists	3	3	0	0	0
Dietitians &/or Nutritionists	3	3	0	1	1
Librarians, Professional	1	1	0	0	0
Nurses, Professional	86	88	2	16	18
Occupational Therapists	2	2	0	0	0
Personnel & Labor Relations Specialists	3	3	0	0	0
Pharmacists	3	3	0	1	1
Physical Therapists	4	4	0	1	1
Physicians &/or Surgeons	18	19	1	3	4
Public Relations Practitioners	1	1	0	0	0
Tax Examiners, Collectors &/or Revenue Agents	2	2	0	0	0
Group Recreation Workers	1	1	0	0	0
Manual Arts, Music &/or Recreation Therapists	4	4	0	1	1
All Other Professional Workers	4	4	0	1	1
TOTAL TECHNICAL WORKERS	162	164	2	20	22
Computer Programmers	1	1	0	0	0
Drafters	1	1	0	0	0
Electrical & Electronic Technicians	5	5	0	0	0
Surveyors	3	3	0	0	0
All Other Engineering Technicians	6	6	0	1	1
Biological Science Technicians	95	97	2	10	12
Air Traffic Controllers	11	11	0	0	0
Dental Assistants	3	3	0	1	1
Technical Assistants, Library	1	1	0	0	0
Pharmacy Helpers	3	3	0	1	1
Medical Record Librarians	4	4	0	1	1
Medical Laboratory Technologists	10	10	0	2	2
Electrocardiograph Technicians	7	7	0	1	1
Radiologic &/or Nuclear Medical Technologists	5	5	0	1	1
All Other Medical & Dental Techs.	4	4	0	2	2
All Other Technicians	3	3	0	0	0
TOTAL SERVICE WORKERS	148	151	3	25	28
Janitors, Porters & Cleaners	24	25	1	4	5
Cooks, Institution or Cafeteria	10	10	0	1	1
All Other Food Service Workers	49	50	1	9	10
Barbers	2	2	0	0	0
Housekeepers	1	1	0	0	0
Nurse's Aides &/or Orderlies	51	52	1	11	12
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	9	9	0	0	0
Detectives, Police	1	1	0	0	0
U.S. Marshalls	1	1	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YAVAPAI COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MAINTENANCE AND PRODUCTION WORKERS	60	61	1	3	4
Mechanics, Automotive	1	1	0	0	0
Electromedical Equipment Repairers	3	3	0	0	0
Refrigeration &/or Air Conditioning Mechanics	1	1	0	0	0
Dry Cleaning Machine Operators	1	1	0	0	0
Truck Drivers	8	8	0	1	1
Carpenters	1	1	0	0	0
Electricians	4	4	0	0	0
Heavy Equipment Operators	2	2	0	0	0
Industrial Truck Operators	1	1	0	0	0
Maintenance Repairers, General Utility	5	5	0	0	0
Painters, Maintenance	3	3	0	0	0
Plumbers &/or Pipefitters	3	3	0	0	0
Dental-Laboratory Technicians	1	1	0	0	0
Sewing Machine Operators, Regular Equipment	1	1	0	0	0
Stationary Boiler Firers	9	9	0	1	1
Stationary Engineers	1	1	0	0	0
Stone Masons	1	1	0	0	0
All Other Operatives & Semiskilled Workers	2	2	0	0	0
All Other Laborers & Unskilled Workers	12	13	1	1	2
TOTAL CLERICAL WORKERS	218	224	6	36	42
Keypunch Operators	1	1	0	0	0
Stenographers	1	1	0	0	0
Accounting Clerks	7	7	0	1	1
Bookkeepers, Hand	2	2	0	0	0
Cashiers	1	1	0	0	0
Claims Clerks	4	4	0	1	1
General Office Clerks	21	22	1	4	5
Mail Clerks	6	6	0	1	1
Payroll &/or Timekeeping Clerks	5	5	0	1	1
Personnel Clerks	5	5	0	1	1
Receptionists	1	1	0	0	0
Secretaries	22	23	1	5	6
Switchboard Operators	2	2	0	1	1
Typists	21	22	1	5	6
Clerical Supervisors, Office or Plant	1	1	0	0	0
Postal Service Clerks	21	22	1	3	4
All Other Office Clerical Workers	33	33	0	7	7
Postal Mail Carriers	60	62	2	5	7
All Other Plant Clerical Workers	4	4	0	1	1
TOTAL SALES WORKERS	3	3	0	0	0
Sales Clerks	3	3	0	0	0
TOTAL ALL OCCUPATIONS	837	853	16	122	138

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YUMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	343	351	8	49	57
Public Administration Inspectors	193	197	4	26	30
Construction Inspectors	35	36	1	6	7
Postmasters &/or Mail Superintendents	13	14	1	3	4
Managers & Officers	102	104	2	14	16
TOTAL PROFESSIONAL WORKERS	279	289	10	31	41
Aeronautical Engineers	1	1	0	0	0
Agricultural Engineers	1	1	0	0	0
Chemical Engineers	1	1	0	0	0
Civil Engineers	23	24	1	3	4
Electrical & Electronic Engineers	14	15	1	1	2
Mechanical Engineers	28	28	0	2	2
All Other Engineers	31	31	0	2	2
Mathematicians	13	14	1	3	4
Chemists	1	1	0	0	0
Geologists & Geophysicists	5	5	0	0	0
Meteorologists	2	2	0	0	0
Agricultural Scientists	4	4	0	1	1
Biological Scientists	11	12	1	1	2
Foresters & Conservation Scientists	11	12	1	1	2
All Other Social Scientists	2	2	0	0	0
Systems Analysts, EDP	8	8	0	0	0
Teachers, Nonvocational Education	4	4	0	0	0
Photographers	14	15	1	1	2
Purchasing Agents &/or Buyers	20	21	1	3	4
Accountants & Auditors	8	8	0	1	1
Architects	1	1	0	0	0
Caseworkers	3	3	0	1	1
Writers &/or Editors	1	1	0	0	0
Law Clerks	1	1	0	0	0
Librarians, Professional	1	1	0	0	0
Nurses, Professional	11	12	1	2	3
Personnel & Labor Relations Specialists	14	15	1	2	3
Tax Examiners, Collectors &/or Revenue Agents	4	4	0	1	1
Group Recreation Workers	1	1	0	0	0
All Other Professional Workers	40	41	1	6	7
TOTAL TECHNICAL WORKERS	304	310	6	22	28
Computer Programmers	7	7	0	0	0
Drafters	3	3	0	0	0
Electrical & Electronic Technicians	57	58	1	3	4
Surveyors	15	16	1	1	2
Radiographers	2	2	0	0	0
Broadcast Technicians	6	6	0	0	0
All Other Engineering Technicians	86	88	2	9	11
Physical Science Technicians	8	8	0	1	1
Biological Science Technicians	39	40	1	4	5
Air Traffic Controllers	9	9	0	0	0
Dental Assistants	1	1	0	0	0
Mathematical Technicians	26	26	0	0	0
Physician's Assistants	1	1	0	0	0
Airplane Pilots	2	2	0	0	0
Technical Assistants, Library	2	2	0	0	0
Pharmacy Helpers	1	1	0	0	0
Medical Record Librarians	2	2	0	0	0
Medical Laboratory Technologists	2	2	0	0	0
All Other Technicians	35	36	1	4	5
TOTAL SERVICE WORKERS	353	362	9	24	33
Janitors, Porters & Cleaners	15	16	1	3	4
Guards & Doorkeepers	20	21	1	1	2
Butchers &/or Meat Cutters	8	8	0	1	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YUMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Cooks, Institution or Cafeteria	3	3	0	0	0
Housekeepers	1	1	0	0	0
Nurse's Aides &/or Orderlies	8	8	0	2	2
Fish & Game Wardens	1	1	0	0	0
Social Service Aides	3	3	0	1	1
Detectives, Police	249	255	6	14	20
U.S. Marshalls	1	1	0	0	0
Fire Fighters	42	43	1	2	3
All Other Service Workers	2	2	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	582	595	13	52	65
Mechanics, Aircraft	1	1	0	0	0
Mechanics, Automotive	24	25	1	2	3
Body Repairers, Automotive	3	3	0	0	0
Electrical Instrument Repairers	1	1	0	0	0
Engineering Equipment Mechanics	31	31	0	2	2
Hydroelectric Mechanics, Powerhouse/Gas Plant	3	3	0	0	0
Locksmiths	3	3	0	0	0
Mechanics, Maintenance	25	25	0	2	2
Refrigeration &/or Air Conditioning Mechanics	21	22	1	2	3
Treatment Plant Mechanics	4	4	0	0	0
Electronic Mechanics	39	40	1	2	3
All Other Mechanics & Repairers	14	15	1	1	2
Truck Drivers	27	27	0	2	2
Air Hammer Operators	1	1	0	0	0
Cable Splicers	7	7	0	0	0
Carpenters	17	18	1	2	3
Crane, Derrick & Hoist Operators	6	6	0	1	1
Craters	2	2	0	0	0
Drillers, Machine	1	1	0	0	0
Electricians	18	19	1	2	3
Exterminators	3	3	0	0	0
Supervisors, Nonworking	4	4	0	0	0
Heavy Equipment Operators	31	31	0	3	3
Industrial Truck Operators	22	23	1	2	3
Inspectors	5	5	0	1	1
Installers, Repairers &/or Section Maintainers	10	10	0	1	1
Instrument Repairers	11	12	1	1	2
Line Installers/Repairers	11	11	0	1	1
Maintenance Repairers, General Utility	29	29	0	3	3
Painters, Maintenance	3	3	0	0	0
Plumbers &/or Pipefitters	9	9	0	1	1
Rotary Drill Operators	5	5	0	1	1
Sheet Metal Workers	1	1	0	0	0
Stationary Boiler Firers	1	1	0	0	0
Stationary Engineers	4	4	0	0	0
Water Treatment Plant Operators	2	2	0	0	0
Pump Station Operators, Waterworks	1	1	0	0	0
Welders &/or Flamecutters	5	5	0	1	1
Offset Lithographic Press Operators	2	2	0	0	0
Camera Operators, Printing	1	1	0	0	0
Stock Clerks, Sales Floor	11	12	1	1	2
Highway Maintenance Workers	1	1	0	0	0
Chemical Operators	2	2	0	0	0
Machine Tool Operators, Combination	7	7	0	1	1
Testers	31	31	0	3	3
Loading Machine Operators	20	21	1	3	4
Gardeners & Groundskeepers	1	1	0	0	0
All Other Skilled Craft Workers	2	2	0	0	0
All Other Operatives & Semiskilled Workers	18	19	1	2	3
All Other Laborers & Unskilled Workers	81	83	2	9	11
TOTAL CLERICAL WORKERS	580	589	9	108	117

ESTIMATED EMPLOYMENT AND JOB OPENINGS
FEDERAL GOVERNMENT

YUMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Computer Operators	3	3	0	0	0
Keypunch Operators	3	3	0	1	1
All Other Office Machine Operators	1	1	0	0	0
Stenographers	10	10	0	2	2
Accounting Clerks	46	47	1	9	10
Bookkeepers, Hand	5	5	0	1	1
Cashiers	3	3	0	1	1
Claims Clerks	5	5	0	1	1
General Office Clerks	52	53	1	11	12
Mail Clerks	5	5	0	1	1
Payroll &/or Timekeeping Clerks	8	8	0	1	1
Personnel Clerks	8	8	0	2	2
Procurement Clerks	7	7	0	1	1
Real Estate Clerks	10	10	0	2	2
Receptionists	1	1	0	0	0
Secretaries	43	44	1	10	11
Switchboard Operators	6	6	0	2	2
Travel Clerks	2	2	0	0	0
Typists	123	125	2	31	33
Clerical Supervisors, Office or Plant	1	1	0	0	0
Postal Service Clerks	36	37	1	4	5
All Other Office Clerical Workers	33	33	0	7	7
Production Clerks &/or Coordinators	7	7	0	1	1
Shipping Packers	2	2	0	0	0
Shipping &/or Receiving Clerks	5	5	0	0	0
Weighers, Recordkeeping	1	1	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	2	2	0	0	0
Dispatchers, Vehicle, Service or Work	4	4	0	0	0
Postal Mail Carriers	93	95	2	8	10
All Other Plant Clerical Workers	55	56	1	12	13
TOTAL SALES WORKERS	11	11	0	1	1
Sales Clerks	11	11	0	1	1
TOTAL ALL OCCUPATIONS	2,452	2,507	55	287	342

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE & LOCAL GOVERNMENTS

STATEWIDE

	Estimated 1982 Employment	Percent of Total 1982 Employment	Projected 1986 Employment	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	4,290	7.5	4,628	953
Public Administration Inspectors	1,228	2.1	1,327	273
Construction Inspectors	316	.6	343	79
Chief Execs., Administrators & Legislators	659	1.2	692	118
Managers & Officers	2,087	3.6	2,266	483
TOTAL PROFESSIONAL WORKERS	11,264	19.6	12,359	2,817
Civil Engineers	599	1.1	662	143
Electrical & Electronic Engineers	17	.0	19	3
Mechanical Engineers	6	.0	7	1
Safety Engineers	3	.0	3	1
Traffic Engineers	24	.1	27	6
All Other Engineers	50	.1	55	9
Financial Analysts	9	.0	10	2
Statisticians	104	.2	117	26
All Other Mathematical Scientists	4	.0	5	1
Chemists	47	.1	53	12
All Other Physical Scientists	35	.1	39	7
Agricultural Scientists	7	.0	8	2
Biological Scientists	30	.1	34	7
Foresters & Conservation Scientists	27	.0	30	5
Economists	34	.1	39	8
Psychologists	65	.1	71	11
Urban & Regional Planners	328	.6	366	57
All Other Social Scientists	4	.0	4	1
Systems Analysts, EDP	199	.3	223	33
Teachers, Vocational Education	125	.2	133	33
Vocational & Educational Counselors	164	.3	178	38
Photographers	30	.1	32	5
Purchasing Agents &/or Buyers	134	.2	147	31
Accountants & Auditors	763	1.3	846	198
Landscape Architects	33	.1	37	8
Appraisers	13	.0	13	3
Architects	11	.0	12	3
Budget Analysts	80	.1	89	21
Caseworkers	1,519	2.6	1,648	405
Commercial Artists	26	.0	29	8
Dietitians &/or Nutritionists	63	.1	67	17
Writers &/or Editors	37	.1	42	11
Employment Interviewers	671	1.2	732	142
Law Clerks	89	.2	94	16
Lawyers	758	1.3	834	161
Librarians, Professional	315	.5	341	97
Curators, Museum	13	.0	14	2
Nurses, Professional	413	.7	441	109
Occupational Therapists	41	.1	46	11
Paralegal Personnel	40	.1	44	9
Personnel & Labor Relations Specialists	219	.4	244	51
Physical Therapists	14	.0	15	3
Physicians &/or Surgeons	49	.1	52	10
Public Relations Practitioners	64	.1	72	18
Right-of-Way Agents	127	.2	143	32
Veterinarians	9	.0	10	1
Designers	2	.0	2	0
Community Organization Workers	225	.4	243	59
Welfare Investigators	94	.2	100	24
Judges	160	.3	175	60
Magistrates	176	.3	182	56
Tax Examiners, Collectors &/or Revenue Agents	152	.3	169	40
Assessors	241	.4	261	91
All Other Therapists	26	.0	27	6
Appraisers, Real Estate	122	.2	132	36
Group Recreation Workers	767	1.3	846	190
Manual Arts, Music &/or Recreation Therapists	3	.0	3	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE & LOCAL GOVERNMENTS

STATEWIDE

	Estimated 1982 Employment	Percent of Total 1982 Employment	Projected 1986 Employment	Total Job Openings 1982-1986
Speech Pathologists &/or Audiologists	12	.0	12	2
Claims Takers, Unemployment Benefits	48	.1	52	11
Audio Visual Specialists	1	.0	1	0
All Other Professional Workers	1,823	3.2	2,027	463
TOTAL TECHNICAL WORKERS	2,759	4.7	3,012	626
Computer Programmers	346	.6	388	60
Drafters	303	.5	330	52
Electrical & Electronic Technicians	148	.3	164	25
Surveyors	56	.1	60	8
Traffic Technicians	34	.1	37	7
Civil Engineering Technicians	766	1.3	830	168
All Other Engineering Technicians	187	.3	203	36
Science Technicians	43	.1	47	8
Licensed Practical Nurses	170	.3	180	48
Physician's Assistants	27	.0	28	7
Museum Technicians &/or Restorers	12	.0	13	3
Radio Operators	88	.2	95	17
Technical Assistants, Library	128	.2	139	41
Medical & Dental Technicians & Technologists	75	.1	84	23
Emergency Medical Technicians	83	.1	91	61
All Other Technicians	293	.5	323	62
TOTAL SERVICE WORKERS	15,449	26.8	16,572	3,088
Janitors, Porters & Cleaners	715	1.2	775	192
Guards & Doorkeepers	199	.3	219	32
Kitchen Helpers	42	.1	45	10
Cooks, Institution or Cafeteria	147	.3	156	32
All Other Food Service Workers	51	.1	55	13
Supervisors, Nonworking-Service	372	.6	406	77
Nurse's Aides &/or Orderlies	247	.4	259	67
Recreation Facility Attendants	210	.4	221	43
Ushers, Lobby Attendants & Ticket Takers	14	.0	16	4
Forest Conservation Workers	102	.2	105	11
Fish & Game Wardens	11	.0	11	1
School-Crossing Guards	1	.0	1	1
Child-Care Workers	1,063	1.8	1,097	322
Lifeguards	141	.2	155	35
Social Service Aides	254	.4	278	70
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	1,182	2.1	1,275	163
Detectives, Police	277	.5	300	39
Police Patrol Officers	4,232	7.4	4,605	619
Parking Enforcement Officers	6	.0	6	1
Correction Officers &/or Jailers	2,837	4.9	2,964	770
Sheriffs	313	.5	313	27
Bailiffs	119	.2	130	21
Fire Inspectors	91	.2	99	13
Fire Fighters	1,825	3.2	1,983	269
Fire Fighting & Prevention Supervisors	329	.6	351	42
All Other Service Workers	669	1.2	747	214
TOTAL MAINTENANCE & PRODUCTION WORKERS	9,574	16.6	10,267	1,747
Mechanics, Automotive	362	.6	392	61
Diesel Mechanics	34	.1	35	4
Electric Meter Installers	1	.0	1	0
Gas Meter Installers	13	.0	13	1
Engineering Equipment Mechanics	298	.5	318	46
Hydroelectric Mechanics, Powerhouse/Gas Plant	18	.0	20	4
Mechanics, Maintenance	130	.2	137	19
Radio Mechanics	25	.0	28	5
Treatment Plant Mechanics	71	.1	78	14
Water Meter Installers	39	.1	39	3
All Other Mechanics & Repairers	159	.3	176	32

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE & LOCAL GOVERNMENTS

STATEWIDE

	Estimated 1982 Employment	Percent of Total 1982 Employment	Projected 1986 Employment	Total Job Openings 1982-1986
Truck Drivers	332	.6	356	50
Bricklayers	1	.0	1	0
Bus Drivers	38	.1	42	9
Carpenters	191	.3	213	47
Cement Masons	7	.0	7	1
Crane, Derrick & Hoist Operators	1	.0	1	0
Delivery &/or Route Workers	2	.0	2	0
Electricians	171	.3	187	32
Supervisors, Nonworking	535	.9	577	103
Ground Workers, Utilities	25	.0	28	8
Heavy Equipment Operators	1,356	2.4	1,459	225
Industrial Truck Operators	16	.0	17	2
Instrument Repairers	27	.0	30	5
Line Installers/Repairers	16	.0	16	1
Machinists	10	.0	11	2
Maintenance Repairers, General Utility	357	.6	371	49
Helpers, Trades	202	.4	223	44
Painters, Maintenance	42	.1	45	8
Pipelayers	98	.2	102	15
Plumbers &/or Pipefitters	35	.1	37	6
Press Operators	114	.2	126	22
Refuse Collectors	393	.7	413	45
Sewage Plant Operators	236	.4	249	28
Stationary Boiler Firers	5	.0	6	1
Stationary Engineers	44	.1	49	10
Substation Operators	1	.0	1	0
Animal Caretakers	143	.2	151	37
Trouble Shooters, Power Line	1	.0	1	0
Water Treatment Plant Operators	209	.4	227	37
Pump Station Operators, Waterworks	52	.1	53	5
Welders &/or Flamecutters	61	.1	67	13
Service Station/Fuel Pump Attendants	147	.3	160	30
Highway Maintenance Workers	1,300	2.2	1,358	212
Surveyor Helpers	280	.5	305	57
Gardeners & Groundskeepers	750	1.3	812	210
Bus Drivers, School	2	.0	2	1
Ambulance Drivers &/or Attendants	38	.1	38	5
All Other Skilled Craft Workers	30	.1	33	6
All Other Operatives & Semiskilled Workers	245	.4	267	51
All Other Laborers & Unskilled Workers	911	1.6	987	181
TOTAL CLERICAL WORKERS	14,140	24.6	15,446	4,312
Bookkeeping &/or Billing Machine Operators	15	.0	16	4
Computer Operators	116	.2	126	23
Keypunch Operators	145	.2	161	48
Peripheral EDP Equipment Operators	515	.9	580	189
All Other Office Machine Operators	95	.2	107	39
Stenographers	209	.4	223	59
Accounting Clerks	938	1.6	1,012	261
Bookkeepers, Hand	125	.2	139	39
Cashiers	223	.4	242	65
File Clerks	321	.6	351	119
General Office Clerks	1,651	2.9	1,792	501
Library Assistants	339	.6	367	110
Payroll &/or Timekeeping Clerks	157	.3	174	46
Personnel Clerks	90	.2	99	34
Procurement Clerks	107	.2	120	26
Receptionists	60	.1	66	22
Secretaries	2,226	3.9	2,448	738
Statistical Clerks	253	.4	282	84
Survey Workers	5	.0	5	1
Switchboard Operators	107	.2	117	39
Switchboard Operators/Receptionists	364	.6	409	142
Typists	2,030	3.5	2,219	720

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE & LOCAL GOVERNMENTS

STATEWIDE

	Estimated 1982 Employment	Percent of Total 1982 Employment	Projected 1986 Employment	Total Job Openings 1982-1986
Clerical Supervisors, Office or Plant	582	1.0	642	132
Eligibility Workers	610	1.1	654	155
Court Clerks	498	.9	528	139
Town Clerks	75	.1	78	12
License Clerks	353	.6	385	109
All Other Office Clerical Workers	629	1.1	703	211
Meter Readers, Utilities	140	.2	150	20
Production Clerks &/or Coordinators	87	.2	95	18
Shipping &/or Receiving Clerks	88	.2	98	18
Weighers, Recordkeeping	14	.0	16	4
Stock Clerks, Stockroom, Warehouse or Storage	249	.4	273	53
Dispatchers, Vehicle, Service or Work	57	.1	62	12
Dispatchers, Police, Fire & Ambulance	650	1.1	688	114
All Other Plant Clerical Workers	17	.0	19	6
TOTAL SALES WORKERS	94	.2	102	20
Sales Agents, Associates &/or Representatives	38	.1	43	10
Sales Clerks	56	.1	59	10
TOTAL ALL OCCUPATIONS	57,570	100.0	62,386	13,563

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE & LOCAL GOVERNMENTS

APACHE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	71	71	0	9	9
Public Administration Inspectors	42	42	0	6	6
Chief Execs., Administrators & Legislators	27	27	0	3	3
Managers & Officers	2	2	0	0	0
TOTAL PROFESSIONAL WORKERS	29	29	0	4	4
Civil Engineers	2	2	0	0	0
All Other Engineers	1	1	0	0	0
Accountants & Auditors	1	1	0	0	0
Appraisers	1	1	0	0	0
Caseworkers	5	5	0	1	1
Dietitians &/or Nutritionists	2	2	0	0	0
Lawyers	3	3	0	0	0
Librarians, Professional	3	3	0	1	1
Nurses, Professional	3	3	0	1	1
Community Organization Workers	1	1	0	0	0
Judges	1	1	0	0	0
Magistrates	2	2	0	1	1
Appraisers, Real Estate	2	2	0	0	0
Group Recreation Workers	1	1	0	0	0
All Other Professional Workers	1	1	0	0	0
TOTAL TECHNICAL WORKERS	13	13	0	1	1
Computer Programmers	1	1	0	0	0
Drafters	1	1	0	0	0
Civil Engineering Technicians	5	5	0	1	1
All Other Engineering Technicians	2	2	0	0	0
Licensed Practical Nurses	1	1	0	0	0
Technical Assistants, Library	2	2	0	0	0
Medical & Dental Technicians & Technologists	1	1	0	0	0
TOTAL SERVICE WORKERS	98	98	0	10	10
Janitors, Porters & Cleaners	9	9	0	2	2
Kitchen Helpers	1	1	0	0	0
Cooks, Institution or Cafeteria	3	3	0	0	0
Supervisors, Nonworking-Service	3	3	0	0	0
Recreation Facility Attendants	1	1	0	0	0
Forest Conservation Workers	2	2	0	0	0
Social Service Aides	5	5	0	1	1
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	5	5	0	0	0
Police Patrol Officers	28	28	0	2	2
Correction Officers &/or Jailers	8	8	0	2	2
Sheriffs	23	23	0	2	2
Fire Fighters	10	10	0	1	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	111	110	0	10	10
Mechanics, Automotive.	2	2	0	0	0
Mechanics, Maintenance	1	1	0	0	0
Truck Drivers	2	2	0	0	0
Bus Drivers	1	1	0	0	0
Supervisors, Nonworking	11	11	0	1	1
Heavy Equipment Operators	4	4	0	0	0
Maintenance Repairers, General Utility	3	3	0	0	0
Refuse Collectors	1	1	0	0	0
Sewage Plant Operators	1	1	0	0	0
Animal Caretakers	1	1	0	0	0
Water Treatment Plant Operators	1	1	0	0	0
Highway Maintenance Workers	78	77	0	9	9
Gardeners & Groundskeepers	2	2	0	0	0
All Other Laborers & Unskilled Workers	3	3	0	0	0
TOTAL CLERICAL WORKERS	108	108	0	20	20

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE & LOCAL GOVERNMENTS

APACHE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Stenographers	1	1	0	0	0
Accounting Clerks	2	2	0	0	0
Bookkeepers, Hand	3	3	0	1	1
Cashiers	4	4	0	1	1
General Office Clerks	14	14	0	3	3
Library Assistants	2	2	0	0	0
Payroll &/or Timekeeping Clerks	2	2	0	0	0
Secretaries	7	7	0	2	2
Switchboard Operators	1	1	0	0	0
Switchboard Operators/Receptionists	1	1	0	0	0
Typists	14	14	0	4	4
Clerical Supervisors, Office or Plant	1	1	0	0	0
Eligibility Workers	32	32	0	6	6
Court Clerks	7	7	0	1	1
Town Clerks	1	1	0	0	0
License Clerks	1	1	0	0	0
All Other Office Clerical Workers	3	3	0	1	1
Meter Readers, Utilities	1	1	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	1	1	0	0	0
Dispatchers, Police, Fire & Ambulance	10	10	0	1	1
TOTAL ALL OCCUPATIONS	430	429	0	54	54

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

COCHISE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	174	171	0	23	23
Public Administration Inspectors	52	51	0	7	7
Construction Inspectors	9	9	0	1	1
Chief Execs., Administrators & Legislators	47	46	0	6	6
Managers & Officers	66	65	0	9	9
TOTAL PROFESSIONAL WORKERS	216	216	0	34	34
Civil Engineers	9	9	0	1	1
All Other Engineers	1	1	0	0	0
Economists	1	1	0	0	0
Psychologists	3	3	0	0	0
Urban & Regional Planners	8	8	0	0	0
Systems Analysts, EDP	1	1	0	0	0
Teachers, Vocational Education	3	3	0	1	1
Vocational & Educational Counselors	4	4	0	1	1
Purchasing Agents &/or Buyers	2	2	0	0	0
Accountants & Auditors	2	2	0	0	0
Caseworkers	29	29	0	5	5
Dietitians &/or Nutritionists	8	8	0	2	2
Employment Interviewers	15	15	0	2	2
Law Clerks	6	6	0	1	1
Lawyers	13	13	0	1	1
Librarians, Professional	15	15	0	3	3
Nurses, Professional	13	13	0	2	2
Personnel & Labor Relations Specialists	2	2	0	0	0
Community Organization Workers	6	6	0	1	1
Welfare Investigators	2	2	0	0	0
Judges	4	4	0	1	1
Magistrates	15	15	0	4	4
Tax Examiners, Collectors &/or Revenue Agents	2	2	0	0	0
Assessors	11	11	0	3	3
Appraisers, Real Estate	1	1	0	0	0
Group Recreation Workers	27	27	0	4	4
Speech Pathologists &/or Audiologists	6	6	0	1	1
Claims Takers, Unemployment Benefits	4	4	0	1	1
All Other Professional Workers	3	3	0	0	0
TOTAL TECHNICAL WORKERS	38	38	0	3	3
Computer Programmers	2	2	0	0	0
Drafters	2	2	0	0	0
Surveyors	1	1	0	0	0
Traffic Technicians	3	3	0	0	0
Civil Engineering Technicians	18	18	0	2	2
All Other Engineering Technicians	6	6	0	1	1
Science Technicians	1	1	0	0	0
Licensed Practical Nurses	2	2	0	0	0
Radio Operators	3	3	0	0	0
TOTAL SERVICE WORKERS	331	329	0	30	30
Janitors, Porters & Cleaners	20	20	0	4	4
Cooks, Institution or Cafeteria	1	1	0	0	0
Supervisors, Nonworking-Service	6	6	0	1	1
Nurse's Aides &/or Orderlies	3	3	0	1	1
Recreation Facility Attendants	20	20	0	3	3
Forest Conservation Workers	2	2	0	0	0
Child-Care Workers	10	10	0	3	3
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	42	42	0	2	2
Detectives, Police	13	13	0	1	1
Police Patrol Officers	108	107	0	6	6
Parking Enforcement Officers	1	1	0	0	0
Correction Officers &/or Jailers	22	22	0	5	5
Sheriffs	5	5	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

COCHISE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Bailiffs	3	3	0	0	0
Fire Inspectors	2	2	0	0	0
Fire Fighters	63	62	0	4	4
Fire Fighting & Prevention Supervisors	8	8	0	0	0
All Other Service Workers	2	2	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	360	358	0	35	35
Mechanics, Automotive	15	15	0	1	1
Gas Meter Installers	6	6	0	0	0
Engineering Equipment Mechanics	7	7	0	1	1
Water Meter Installers	5	5	0	0	0
All Other Mechanics & Repairers	8	8	0	1	1
Truck Drivers	11	11	0	1	1
Carpenters	1	1	0	0	0
Electricians	1	1	0	0	0
Supervisors, Nonworking	19	19	0	2	2
Heavy Equipment Operators	46	45	0	4	4
Industrial Truck Operators	5	5	0	0	0
Maintenance Repairers, General Utility	27	27	0	2	2
Helpers, Trades	2	2	0	0	0
Pipelayers	7	7	0	1	1
Refuse Collectors	25	25	0	1	1
Sewage Plant Operators	23	23	0	1	1
Animal Caretakers	15	15	0	3	3
Water Treatment Plant Operators	10	10	0	1	1
Welders &/or Flamecutters	1	1	0	0	0
Highway Maintenance Workers	69	68	0	8	8
Surveyor Helpers	4	4	0	0	0
Gardeners & Groundskeepers	20	20	0	4	4
Ambulance Drivers &/or Attendants	20	20	0	3	3
All Other Laborers & Unskilled Workers	13	13	0	1	1
TOTAL CLERICAL WORKERS	348	347	0	64	64
Bookkeeping &/or Billing Machine Operators	2	2	0	0	0
Computer Operators	3	3	0	0	0
Keypunch Operators	3	3	0	1	1
Stenographers	5	5	0	1	1
Accounting Clerks	47	46	0	9	9
Bookkeepers, Hand	6	6	0	1	1
Cashiers	6	6	0	1	1
File Clerks	3	3	0	1	1
General Office Clerks	43	43	0	9	9
Library Assistants	8	8	0	2	2
Payroll &/or Timekeeping Clerks	6	6	0	1	1
Personnel Clerks	2	2	0	1	1
Procurement Clerks	3	3	0	0	0
Secretaries	41	41	0	9	9
Statistical Clerks	2	2	0	0	0
Survey Workers	5	5	0	1	1
Switchboard Operators	1	1	0	0	0
Typists	34	34	0	9	9
Clerical Supervisors, Office or Plant	13	13	0	2	2
Eligibility Workers	20	20	0	3	3
Court Clerks	25	25	0	5	5
Town Clerks	9	9	0	1	1
License Clerks	4	4	0	1	1
All Other Office Clerical Workers	1	1	0	0	0
Meter Readers, Utilities	10	10	0	1	1
Dispatchers, Vehicle, Service or Work	1	1	0	0	0
Dispatchers, Police, Fire & Ambulance	45	45	0	5	5
TOTAL ALL OCCUPATIONS	1,467	1,459	0	189	189

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

COCONINO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	166	165	0	22	22
Public Administration Inspectors	40	40	0	5	5
Construction Inspectors	5	5	0	1	1
Chief Execs., Administrators & Legislators	40	40	0	5	5
Managers & Officers	81	80	0	11	11
TOTAL PROFESSIONAL WORKERS	213	212	0	30	30
Civil Engineers	10	10	0	1	1
Traffic Engineers	2	2	0	0	0
Urban & Regional Planners	1	1	0	0	0
Vocational & Educational Counselors	5	5	0	1	1
Purchasing Agents &/or Buyers	5	5	0	1	1
Accountants & Auditors	10	10	0	1	1
Appraisers	2	2	0	0	0
Budget Analysts	2	2	0	0	0
Caseworkers	30	30	0	5	5
Dietitians &/or Nutritionists	2	2	0	0	0
Employment Interviewers	26	26	0	3	3
Law Clerks	5	5	0	1	1
Lawyers	11	11	0	1	1
Librarians, Professional	7	7	0	2	2
Nurses, Professional	11	11	0	2	2
Paralegal Personnel	1	1	0	0	0
Personnel & Labor Relations Specialists	4	4	0	0	0
Physicians &/or Surgeons	1	1	0	0	0
Designers	2	2	0	0	0
Community Organization Workers	2	2	0	0	0
Magistrates	6	6	0	2	2
Tax Examiners, Collectors &/or Revenue Agents	1	1	0	0	0
Appraisers, Real Estate	6	6	0	1	1
Group Recreation Workers	12	12	0	2	2
All Other Professional Workers	49	48	0	7	7
TOTAL TECHNICAL WORKERS	142	141	0	26	26
Computer Programmers	4	4	0	0	0
Drafters	6	6	0	0	0
Surveyors	1	1	0	0	0
Traffic Technicians	2	2	0	0	0
Civil Engineering Technicians	50	49	0	6	6
All Other Engineering Technicians	6	6	0	1	1
Licensed Practical Nurses	3	3	0	1	1
Physician's Assistants	1	1	0	0	0
Radio Operators	16	16	0	2	2
Technical Assistants, Library	4	4	0	1	1
Medical & Dental Technicians & Technologists	1	1	0	0	0
Emergency Medical Technicians	20	20	0	12	12
All Other Technicians	28	28	0	3	3
TOTAL SERVICE WORKERS	434	430	0	39	39
Janitors, Porters & Cleaners	10	10	0	2	2
Guards & Doorkeepers	14	14	0	1	1
Cooks, Institution or Cafeteria	6	6	0	1	1
Supervisors, Nonworking-Service	2	2	0	0	0
Nurse's Aides &/or Orderlies	5	5	0	1	1
Recreation Facility Attendants	11	11	0	2	2
Forest Conservation Workers	9	9	0	1	1
Fish & Game Wardens	1	1	0	0	0
Child-Care Workers	4	4	0	1	1
Lifeguards	15	15	0	2	2
Social Service Aides	41	41	0	7	7
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	48	47	0	3	3
Detectives, Police	8	8	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

COCONINO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Police Patrol Officers	92	91	0	5	5
Parking Enforcement Officers	1	1	0	0	0
Correction Officers &/or Jailers	12	12	0	3	3
Sheriffs	49	48	0	4	4
Bailiffs	3	3	0	0	0
Fire Inspectors	1	1	0	0	0
Fire Fighters	85	84	0	5	5
Fire Fighting & Prevention Supervisors	17	17	0	1	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	425	423	0	42	42
Mechanics, Automotive	11	11	0	1	1
Diesel Mechanics	3	3	0	0	0
Engineering Equipment Mechanics	19	19	0	2	2
Mechanics, Maintenance	1	1	0	0	0
Treatment Plant Mechanics	5	5	0	0	0
Water Meter Installers	1	1	0	0	0
All Other Mechanics & Repairers	3	3	0	0	0
Truck Drivers	19	19	0	1	1
Carpenters	2	2	0	0	0
Crane, Derrick & Hoist Operators	1	1	0	0	0
Electricians	1	1	0	0	0
Supervisors, Nonworking	26	26	0	3	3
Ground Workers, Utilities	2	2	0	0	0
Heavy Equipment Operators	30	30	0	3	3
Machinists	2	2	0	0	0
Maintenance Repairers, General Utility	31	31	0	3	3
Helpers, Trades	5	5	0	1	1
Painters, Maintenance	1	1	0	0	0
Refuse Collectors	18	18	0	1	1
Sewage Plant Operators	13	13	0	1	1
Stationary Engineers	1	1	0	0	0
Substation Operators	1	1	0	0	0
Animal Caretakers	6	6	0	1	1
Water Treatment Plant Operator	10	10	0	1	1
Welders &/or Flamecutters	1	1	0	0	0
Service Station/Fuel Pump Attendants	3	3	0	0	0
Highway Maintenance Workers	105	104	0	12	12
Surveyor Helpers	10	10	0	1	1
Ambulance Drivers &/or Attendants	6	6	0	1	1
All Other Operatives & Semiskilled Workers	19	19	0	2	2
All Other Laborers & Unskilled Workers	69	68	0	8	8
TOTAL CLERICAL WORKERS	341	340	0	68	68
Computer Operators	4	4	0	0	0
Keypunch Operators	2	2	0	0	0
Peripheral EDP Equipment Operators	2	2	0	0	0
Stenographers	8	8	0	2	2
Accounting Clerks	33	33	0	6	6
Cashiers	4	4	0	1	1
File Clerks	13	13	0	3	3
General Office Clerks	22	22	0	5	5
Library Assistants	18	18	0	4	4
Payroll &/or Timekeeping Clerks	3	3	0	1	1
Personnel Clerks	1	1	0	0	0
Secretaries	36	36	0	8	8
Statistical Clerks	1	1	0	0	0
Switchboard Operators	3	3	0	1	1
Typists	70	69	0	16	18
Clerical Supervisors, Office or Plant	8	8	0	1	1
Eligibility Workers	21	21	0	4	4
Court Clerks	25	25	0	5	5
Town Clerks	5	5	0	1	1
License Clerks	11	11	0	2	2

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

COCONINO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
All Other Office Clerical Workers	4	4	0	1	1
Meter Readers, Utilities	7	7	0	0	0
Shipping &/or Receiving Clerks	1	1	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	7	7	0	1	1
Dispatchers, Police, Fire & Ambulance	32	32	0	4	4
TOTAL ALL OCCUPATIONS	1,721	1,711	0	227	227

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

GILA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	51	51	0	7	7
Public Administration Inspectors	7	7	0	1	1
Construction Inspectors	5	5	0	1	1
Chief Execs., Administrators & Legislators	24	24	0	3	3
Managers & Officers	15	15	0	2	2
TOTAL PROFESSIONAL WORKERS	90	90	0	15	15
Civil Engineers	4	4	0	1	1
Biological Scientists	2	2	0	0	0
Foresters & Conservation Scientists	1	1	0	0	0
Vocational & Educational Counselors	1	1	0	0	0
Accountants & Auditors	4	4	0	1	1
Budget Analysts	2	2	0	0	0
Caseworkers	28	28	0	5	5
Employment Interviewers	7	7	0	1	1
Lawyers	9	9	0	1	1
Librarians, Professional	1	1	0	0	0
Nurses, Professional	2	2	0	0	0
Physicians &/or Surgeons	3	3	0	0	0
Community Organization Workers	2	2	0	0	0
Judges	2	2	0	1	1
Magistrates	14	14	0	4	4
Tax Examiners, Collectors &/or Revenue Agents	1	1	0	0	0
Assessors	4	4	0	1	1
Appraisers, Real Estate	1	1	0	0	0
Group Recreation Workers	1	1	0	0	0
All Other Professional Workers	1	1	0	0	0
TOTAL TECHNICAL WORKERS	27	27	0	4	4
Drafters	1	1	0	0	0
Civil Engineering Technicians	14	14	0	2	2
All Other Engineering Technicians	5	5	0	1	1
Science Technicians	2	2	0	0	0
Radio Operators	5	5	0	1	1
TOTAL SERVICE WORKERS	176	175	0	16	16
Janitors, Porters & Cleaners	15	15	0	3	3
Child-Care Workers	13	13	0	3	3
Social Service Aides	3	3	0	1	1
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	21	21	0	1	1
Detectives, Police	2	2	0	0	0
Police Patrol Officers	55	54	0	3	3
Correction Officers &/or Jailers	5	5	0	1	1
Sheriffs	41	41	0	3	3
Bailiffs	2	2	0	0	0
Fire Inspectors	1	1	0	0	0
Fire Fighters	15	15	0	1	1
Fire Fighting & Prevention Supervisors	3	3	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	255	254	0	25	25
Mechanics, Automotive	13	13	0	1	1
Diesel Mechanics	2	2	0	0	0
Engineering Equipment Mechanics	7	7	0	1	1
Water Meter Installers	7	7	0	0	0
Truck Drivers	9	9	0	1	1
Supervisors, Nonworking	4	4	0	0	0
Heavy Equipment Operators	34	34	0	3	3
Industrial Truck Operators	4	4	0	0	0
Maintenance Repairers, General Utility	9	9	0	1	1
Refuse Collectors	17	17	0	1	1
Sewage Plant Operators	4	4	0	0	0
Animal Caretakers	6	6	0	1	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

GILA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Water Treatment Plant Operators	7	7	0	1	1
Pump Station Operators, Waterworks	5	5	0	0	0
Highway Maintenance Workers	106	105	0	12	12
Surveyor Helpers	14	14	0	2	2
Gardeners & Groundskeepers	4	4	0	1	1
All Other Laborers & Unskilled Workers	3	3	0	0	0
TOTAL CLERICAL WORKERS	179	179	0	37	37
Computer Operators	1	1	0	0	0
Stenographers	3	3	0	1	1
Accounting Clerks	10	10	0	2	2
Bookkeepers, Hand	1	1	0	0	0
Cashiers	1	1	0	0	0
File Clerks	12	12	0	3	3
General Office Clerks	12	12	0	3	3
Library Assistants	4	4	0	1	1
Payroll &/or Timekeeping Clerks	3	3	0	1	1
Personnel Clerks	2	2	0	1	1
Receptionists	6	6	0	2	2
Secretaries	26	26	0	6	6
Switchboard Operators	1	1	0	0	0
Switchboard Operators/Receptionists	1	1	0	0	0
Typists	38	38	0	10	10
Clerical Supervisors, Office or Plant	4	4	0	0	0
Eligibility Workers	15	15	0	3	3
Court Clerks	5	5	0	1	1
Town Clerks	2	2	0	0	0
Meter Readers, Utilities	1	1	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	1	1	0	0	0
Dispatchers, Vehicle, Service or Work	8	8	0	1	1
Dispatchers, Police, Fire & Ambulance	22	22	0	2	2
TOTAL ALL OCCUPATIONS	778	776	0	104	104

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

GRAHAM COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	59	59	0	8	8
Public Administration Inspectors	21	21	0	3	3
Construction Inspectors	3	3	0	0	0
Chief Execs., Administrators & Legislators	15	15	0	2	2
Managers & Officers	20	20	0	3	3
TOTAL PROFESSIONAL WORKERS	104	103	0	18	18
Civil Engineers	4	4	0	1	1
Teachers, Vocational Education	1	1	0	0	0
Vocational & Educational Counselors	1	1	0	0	0
Accountants & Auditors	2	2	0	0	0
Caseworkers	49	48	0	9	9
Dietitians &/or Nutritionists	3	3	0	1	1
Employment Interviewers	10	10	0	1	1
Lawyers	3	3	0	0	0
Librarians, Professional	3	3	0	1	1
Nurses, Professional	3	3	0	1	1
Paralegal Personnel	2	2	0	0	0
Physicians &/or Surgeons	1	1	0	0	0
Community Organization Workers	1	1	0	0	0
Judges	1	1	0	0	0
Magistrates	5	5	0	1	1
Assessors	3	3	0	1	1
Appraisers, Real Estate	1	1	0	0	0
Group Recreation Workers	4	4	0	1	1
All Other Professional Workers	7	7	0	1	1
TOTAL TECHNICAL WORKERS	33	33	0	4	4
Computer Programmers	1	1	0	0	0
Drafters	2	2	0	0	0
Surveyors	3	3	0	0	0
Civil Engineering Technicians	19	19	0	2	2
All Other Engineering Technicians	1	1	0	0	0
Licensed Practical Nurses	7	7	0	2	2
TOTAL SERVICE WORKERS	299	297	0	54	54
All Other Food Service Workers	2	2	0	0	0
Supervisors, Nonworking-Service	10	10	0	1	1
Recreation Facility Attendants	5	5	0	1	1
Forest Conservation Workers	4	4	0	0	0
Child-Care Workers	6	6	0	2	2
Social Service Aides	7	7	0	1	1
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	8	8	0	0	0
Police Patrol Officers	41	41	0	2	2
Correction Officers &/or Jailers	215	213	0	47	47
Bailiffs	1	1	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	165	165	0	12	12
Mechanics, Automotive	4	4	0	0	0
Electric Meter Installers	1	1	0	0	0
Gas Meter Installers	3	3	0	0	0
Engineering Equipment Mechanics	12	12	0	1	1
Water Meter Installers	3	3	0	0	0
Truck Drivers	4	4	0	0	0
Carpenters	4	4	0	0	0
Electricians	3	3	0	0	0
Supervisors, Nonworking	9	9	0	1	1
Ground Workers, Utilities	2	2	0	0	0
Heavy Equipment Operators	8	8	0	1	1
Line Installers/Repairers	5	5	0	0	0
Maintenance Repairers, General Utility	26	26	0	2	2
Painters, Maintenance	2	2	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

GRAHAM COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Pipelayers	3	3	0	0	0
Plumbers &/or Pipefitters	1	1	0	0	0
Refuse Collectors	8	8	0	0	0
Sewage Plant Operators	3	3	0	0	0
Animal Caretakers	1	1	0	0	0
Trouble Shooters, Power Line	1	1	0	0	0
Pump Station Operators, Waterworks	3	3	0	0	0
Service Station/Fuel Pump Attendants	4	4	0	0	0
Highway Maintenance Workers	43	43	0	5	5
Gardeners & Groundskeepers	11	11	0	2	2
All Other Laborers & Unskilled Workers	1	1	0	0	0
TOTAL CLERICAL WORKERS	94	94	0	16	16
Computer Operators	3	3	0	0	0
Stenographers	1	1	0	0	0
Accounting Clerks	5	5	0	1	1
Bookkeepers, Hand	1	1	0	0	0
Cashiers	3	3	0	1	1
General Office Clerks	23	23	0	5	5
Library Assistants	3	3	0	1	1
Payroll &/or Timekeeping Clerks	7	7	0	1	1
Personnel Clerks	1	1	0	0	0
Secretaries	16	16	0	4	4
Typists	5	5	0	1	1
Clerical Supervisors, Office or Plant	5	5	0	1	1
Eligibility Workers	2	2	0	0	0
Court Clerks	2	2	0	0	0
Town Clerks	3	3	0	0	0
License Clerks	5	5	0	1	1
Meter Readers, Utilities	3	3	0	0	0
Shipping &/or Receiving Clerks	1	1	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	3	3	0	0	0
Dispatchers, Police, Fire & Ambulance	2	2	0	0	0
TOTAL ALL OCCUPATIONS	754	751	0	112	112

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

GREENLEE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	26	26	0	3	3
Public Administration Inspectors	1	1	0	0	0
Construction Inspectors	1	1	0	0	0
Chief Execs., Administrators & Legislators	14	14	0	2	2
Managers & Officers	10	10	0	1	1
TOTAL PROFESSIONAL WORKERS	33	33	0	5	5
Civil Engineers	2	2	0	0	0
Purchasing Agents &/or Buyers	1	1	0	0	0
Accountants & Auditors	2	2	0	0	0
Budget Analysts	1	1	0	0	0
Caseworkers	8	8	0	1	1
Dietitians &/or Nutritionists	1	1	0	0	0
Lawyers	2	2	0	0	0
Librarians, Professional	1	1	0	0	0
Nurses, Professional	3	3	0	1	1
Judges	1	1	0	0	0
Magistrates	6	6	0	2	2
Tax Examiners, Collectors &/or Revenue Agents	4	4	0	1	1
Assessors	1	1	0	0	0
TOTAL TECHNICAL WORKERS	7	7	0	1	1
Computer Programmers	1	1	0	0	0
All Other Engineering Technicians	1	1	0	0	0
Licensed Practical Nurses	4	4	0	1	1
Medical & Dental Technicians & Technologists	1	1	0	0	0
TOTAL SERVICE WORKERS	67	67	0	5	5
Janitors, Porters & Cleaners	11	11	0	2	2
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	5	5	0	0	0
Police Patrol Officers	43	43	0	2	2
Correction Officers &/or Jailers	4	4	0	1	1
Sheriffs	1	1	0	0	0
Fire Fighters	3	3	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	58	58	0	5	5
Mechanics, Automotive	5	5	0	0	0
Truck Drivers	4	4	0	0	0
Supervisors, Nonworking	5	5	0	1	1
Heavy Equipment Operators	15	15	0	1	1
Maintenance Repairers, General Utility	1	1	0	0	0
Refuse Collectors	1	1	0	0	0
Sewage Plant Operators	1	1	0	0	0
Animal Caretaker	4	4	0	1	1
Highway Maintenance Workers	22	22	0	2	2
TOTAL CLERICAL WORKERS	49	49	0	10	10
Keypunch Operators	1	1	0	0	0
Stenographers	1	1	0	0	0
Bookkeepers, Hand	3	3	0	1	1
Cashiers	4	4	0	1	1
File Clerks	1	1	0	0	0
Library Assistants	1	1	0	0	0
Receptionists	1	1	0	0	0
Secretaries	17	17	0	4	4
Statistical Clerks	1	1	0	0	0
Typists	3	3	0	1	1
Clerical Supervisors, Office or Plant	1	1	0	0	0
Eligibility Workers	3	3	0	1	1
Court Clerks	3	3	0	1	1
Town Clerks	2	2	0	0	0
Dispatchers, Police, Fire & Ambulance	7	7	0	1	1
TOTAL ALL OCCUPATIONS	240	240	0	29	29

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE & LOCAL GOVERNMENTS

MARICOPA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	2,306	2,622	316	330	646
Public Administration Inspectors	688	782	94	97	191
Construction Inspectors	166	189	23	27	50
Chief Execs., Administrators & Legislators	242	275	33	31	64
Managers & Officers	1,210	1,376	166	175	341
TOTAL PROFESSIONAL WORKERS	7,377	8,389	1,012	1,079	2,091
Civil Engineers	425	483	58	57	115
Electrical & Electronic Engineers	16	18	2	1	3
Mechanical Engineers	6	7	1	0	1
Safety Engineers	2	2	0	0	0
Traffic Engineers	18	20	2	2	4
All Other Engineers	33	38	5	2	7
Financial Analysts	4	5	1	0	1
Statisticians	85	97	12	11	23
All Other Mathematical Scientists	4	5	1	1	2
Chemists	45	51	6	5	11
All Other Physical Scientists	30	34	4	2	6
Agricultural Scientists	4	5	1	1	2
Biological Scientists	26	30	4	3	7
Foresters & Conservation Scientists	23	26	3	2	5
Economists	33	38	5	4	9
Psychologists	34	39	5	3	8
Urban & Regional Planners	266	302	36	15	51
All Other Social Scientists	1	1	0	0	0
Systems Analysts, EDP	165	188	23	7	30
Teachers, Vocational Education	52	59	7	11	18
Vocational & Educational Counselors	93	106	13	13	26
Photographers	6	7	1	1	2
Purchasing Agents &/or Buyers	92	105	13	12	25
Accountants & Auditors	566	644	78	85	163
Landscape Architects	25	28	3	3	6
Architects	7	8	1	1	2
Budget Analysts	63	72	9	9	18
Caseworkers	841	956	115	152	267
Commercial Artists	20	23	3	4	7
Dietitians &/or Nutritionists	28	32	4	6	10
Writers &/or Editors	33	38	5	6	11
Employment Interviewers	418	475	57	50	107
Law Clerks	38	43	5	4	9
Lawyers	511	581	70	57	127
Librarians, Professional	162	184	22	37	59
Curators, Museum	4	5	1	1	2
Nurses, Professional	176	200	24	34	58
Occupational Therapists	31	35	4	5	9
Paralegal Personnel	30	34	4	3	7
Personnel & Labor Relations Specialists	172	196	24	20	44
Physical Therapists	6	7	1	1	2
Physicians &/or Surgeons	17	19	2	3	5
Public Relations Practitioners	59	67	8	9	17
Right-of-Way Agents	108	123	15	14	29
Veterinarians	5	6	1	0	1
Community Organization Workers	119	135	16	22	38
Welfare Investigators	44	50	6	8	14
Judges	98	111	13	28	41
Magistrates	45	51	6	13	19
Tax Examiners, Collectors &/or Revenue Agents	119	135	16	18	34
Assessors	124	141	17	37	54
All Other Therapists	10	11	1	2	3
Appraisers, Real Estate	71	81	10	15	25
Group Recreation Workers	506	575	69	73	142
Speech Pathologists &/or Audiologists	1	1	0	0	0
Claims Takers, Unemployment Benefits	24	27	3	3	6
Audio Visual Specialists	1	1	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

MARICOPA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
All Other Professional Workers	1,432	1,628	196	203	399
TOTAL TECHNICAL WORKERS	1,699	1,932	233	217	450
Computer Programmers	292	332	40	15	55
Drafters	174	198	24	14	38
Electrical & Electronic Technicians	101	115	14	6	20
Surveyors	25	28	3	2	5
Traffic Technicians	19	22	3	2	5
Civil Engineering Technicians	452	514	62	61	123
All Other Engineering Technicians	112	127	15	12	27
Science Technicians	28	32	4	2	6
Licensed Practical Nurses	50	57	7	11	18
Physician's Assistants	6	7	1	1	2
Museum Technicians &/or Restorers	9	10	1	1	2
Radio Operators	46	52	6	5	11
Technical Assistants, Library	59	67	8	14	22
Medical & Dental Assistants	64	73	9	12	21
Emergency Medical Technicians	58	66	8	37	45
All Other Technicians	204	232	28	22	50
TOTAL SERVICE WORKERS	7,594	8,632	1,038	833	1,871
Janitors, Porters & Cleaners	414	471	57	76	133
Guards & Doorkeepers	142	161	19	8	27
Kitchen Helpers	12	14	2	2	4
Cooks, Institution or Cafeteria	55	63	8	9	17
All Other Food Service Workers	16	18	2	3	5
Supervisors, Nonworking-Service	235	267	32	27	59
Nurse's Aides &/or Orderlies	47	53	6	10	16
Recreation Facility Attendants	81	92	11	12	23
Ushers, Lobby Attendants & Ticket Takers	14	16	2	2	4
Forest Conservation Workers	28	32	4	2	6
Fish & Game Wardens	3	3	0	0	0
School-Crossing Guards	1	1	0	1	1
Child-Care Workers	208	236	28	57	85
Lifeguards	104	118	14	15	29
Social Service Aides	170	193	23	31	54
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	629	715	86	35	121
Detectives, Police	142	161	19	8	27
Police Patrol Officers	2,519	2,864	345	141	486
Parking Enforcement Officers	3	3	0	0	0
Correction Officers	891	1,013	122	201	323
Sheriffs	20	23	3	2	5
Bailiffs	73	83	10	6	16
Fire Inspectors	52	59	7	3	10
Fire Fighters	1,060	1,205	145	63	208
Fire Fighting & Prevention Supervisors	123	140	17	7	24
All Other Service Workers	552	628	76	112	188
TOTAL MAINTENANCE & PRODUCTION WORKERS	4,666	5,306	640	511	1,151
Mechanics, Automotive	203	231	28	17	45
Diesel Mechanics	10	11	1	1	2
Gas Meter Installers	4	5	1	0	1
Engineering Equipment Mechanics	136	155	19	11	30
Hydroelectric Mechanics, Powerhouse/Gas Plant	18	20	2	2	4
Mechanics, Maintenance	20	23	3	2	5
Radio Mechanics	23	26	3	2	5
Treatment Plant Mechanics	55	63	8	5	13
Water Meter Installers	6	7	1	0	1
All Other Mechanics & Repairers	122	139	17	11	28
Truck Drivers	172	196	24	13	37
Bricklayers	1	1	0	0	0
Bus Drivers	32	36	4	4	8

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

MARICOPA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Carpenters	155	176	21	20	41
Cement Masons	2	2	0	0	0
Delivery &/or Route Workers	1	1	0	0	0
Electricians	99	113	14	10	24
Supervisors, Nonworking	277	315	38	31	69
Ground Workers, Utilities	21	24	3	4	7
Heavy Equipment Operators	691	786	95	60	155
Industrial Truck Operators	7	8	1	1	2
Instrument Repairers	16	18	2	1	3
Machinists	7	8	1	1	2
Maintenance Repairers, General Utility	103	117	14	10	24
Helpers, Trades	133	151	18	15	33
Painters, Maintenance	11	13	2	1	3
Plumbers &/or Pipefitters	12	14	2	1	3
Press Operators	87	99	12	7	19
Refuse Collectors	96	109	13	6	19
Sewage Plant Operators	72	82	10	4	14
Stationary Boiler Firers	5	6	1	1	2
Stationary Engineers	37	42	5	4	9
Animal Caretakers	58	66	8	12	20
Water Treatment Plant Operators	136	155	19	12	31
Pump Station Operators, Waterworks	3	3	0	0	0
Welders &/or Flamecutters	35	40	5	4	9
Service Station/Fuel Pump Attendants	80	91	11	9	20
Highway Maintenance Workers	437	497	60	50	110
Surveyor Helpers	164	186	22	19	41
Gardeners & Groundskeepers	404	459	55	79	134
Bus Drivers, School	2	2	0	0	0
Ambulance Drivers &/or Attendants	2	2	0	0	0
All Other Skilled Craft Workers	21	24	3	2	5
All Other Operatives & Semiskilled Workers	154	175	21	18	39
All Other Laborers & Unskilled Workers	536	609	73	61	134
TOTAL CLERICAL WORKERS	8,919	10,141	1,222	1,929	3,151
Bookkeeping &/or Billing Machine Operators	7	8	1	1	2
Computer Operators	66	75	9	7	16
Keypunch Operators	111	126	15	24	39
Peripheral EDP Equipment Operators	458	521	63	110	173
All Other Office Machine Operators	86	98	12	25	37
Stenographers	96	109	13	20	33
Accounting Clerks	498	566	68	99	167
Bookkeepers, Hand	100	114	14	20	34
Cashiers	116	132	16	24	40
File Clerks	213	242	29	59	88
General Office Clerks	901	1,024	123	197	320
Library Assistants	191	217	26	46	72
Payroll &/or Timekeeping Clerks	124	141	17	23	40
Personnel Clerks	66	75	9	18	27
Procurement Clerks	95	108	13	11	24
Receptionists	44	50	6	12	18
Secretaries	1,514	1,721	207	351	558
Statistical Clerks	193	219	26	42	68
Switchboard Operators	71	81	10	19	29
Switchboard Operators/Receptionists	326	371	45	86	131
Typists	1,348	1,533	185	353	538
Clerical Supervisors, Office or Plant	402	457	55	50	105
Eligibility Workers	286	325	39	52	91
Court Clerks	204	232	28	45	73
Town Clerks	19	22	3	2	5
License Clerks	223	254	31	49	80
All Other Office Clerical Workers	508	578	70	111	181
Meter Readers, Utilities	68	77	9	5	14
Production Clerks &/or Coordinators	41	47	6	5	11

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

MARICOPA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Shipping &/or Receiving Clerks	74	84	10	7	17
Weighers, Recordkeeping	14	16	2	2	4
Stock Clerks, Stockroom, Warehouse or Storage	156	177	21	18	39
Dispatchers, Vehicle, Service or Work	32	36	4	4	8
Dispatchers, Police, Fire & Ambulance	252	287	35	29	64
All Other Plant Clerical Workers	16	18	2	3	5
TOTAL SALES WORKERS	34	39	5	4	9
Sales Agents, Associates &/or Representatives	33	38	5	4	9
Sales Clerks	1	1	0	0	0
TOTAL ALL OCCUPATIONS	32,595	37,061	4,466	4,903	9,369

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

MOHAVE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	120	119	0	17	17
Public Administration Inspectors	37	37	0	5	5
Construction Inspectors	5	5	0	1	1
Chief Execs., Administrators & Legislators	23	23	0	3	3
Managers & Officers	55	54	0	8	8
TOTAL PROFESSIONAL WORKERS	199	199	0	33	33
Civil Engineers	4	4	0	1	1
Foresters & Conservation Scientists	3	3	0	0	0
Urban & Regional Planners	1	1	0	0	0
Systems Analysts, EDP	2	2	0	0	0
Teachers, Vocational Education	6	6	0	1	1
Vocational & Educational Counselors	1	1	0	0	0
Photographers	1	1	0	0	0
Purchasing Agents &/or Buyers	3	3	0	0	0
Accountants & Auditors	22	22	0	3	3
Landscape Architects	4	4	0	1	1
Caseworkers	26	26	0	5	5
Dietitians &/or Nutritionists	3	3	0	1	1
Employment Interviewers	5	5	0	1	1
Law Clerks	18	18	0	2	2
Lawyers	16	16	0	2	2
Librarians, Professional	3	3	0	1	1
Nurses, Professional	4	4	0	1	1
Paralegal Personnel	5	5	0	1	1
Personnel & Labor Relations Specialists	4	4	0	0	0
Physicians &/or Surgeons	3	3	0	0	0
Right-of-Way Agents	1	1	0	0	0
Community Organization Workers	15	15	0	3	3
Judges	4	4	0	1	1
Magistrates	7	7	0	2	2
Tax Examiners, Collectors &/or Revenue Agents	4	4	0	1	1
Assessors	3	3	0	1	1
Appraisers, Real Estate	4	4	0	1	1
Claims Takers, Unemployment Benefits	4	4	0	1	1
All Other Professional Workers	23	23	0	3	3
TOTAL TECHNICAL WORKERS	51	51	0	4	4
Drafters	6	6	0	0	0
Surveyors	3	3	0	0	0
Civil Engineering Technicians	27	27	0	3	3
All Other Engineering Technicians	8	8	0	1	1
Licensed Practical Nurses	1	1	0	0	0
Physician's Assistants	1	1	0	0	0
Technical Assistants, Library	1	1	0	0	0
All Other Technicians	4	4	0	0	0
TOTAL SERVICE WORKERS	413	410	0	32	32
Janitors, Porters & Cleaners	3	3	0	1	1
Guards & Doorkeepers	12	12	0	1	1
Kitchen Helpers	6	6	0	1	1
Cooks, Institution or Cafeteria	7	7	0	1	1
All Other Food Service Workers	6	6	0	1	1
Supervisors, Nonworking-Service	5	5	0	1	1
Nurse's Aides &/or Orderlies	7	7	0	1	1
Recreation Facility Attendants	10	10	0	1	1
Forest Conservation Workers	29	29	0	2	2
Fish & Game Wardens	4	4	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	59	58	0	3	3
Detectives, Police	10	10	0	1	1
Police Patrol Officers	134	133	0	7	7
Correction Officers &/or Jailers	21	21	0	5	5

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

MOHAVE COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Sheriffs	7	7	0	1	1
Bailiffs	3	3	0	0	0
Fire Inspectors	8	8	0	0	0
Fire Fighters	60	59	0	3	3
Fire Fighting & Prevention Supervisors	19	19	0	1	1
All Other Service Workers	3	3	0	1	1
TOTAL MAINTENANCE & PRODUCTION WORKERS	274	274	0	30	30
Mechanics, Automotive	16	16	0	1	1
Engineering Equipment Mechanics	8	8	0	1	1
Mechanics, Maintenance	5	5	0	0	0
Treatment Plant Mechanics	6	6	0	1	1
Water Meter Installers	15	15	0	1	1
All Other Mechanics & Repairers	6	6	0	1	1
Truck Drivers	14	14	0	1	1
Bus Drivers	3	3	0	0	0
Carpenters	6	6	0	1	1
Cement Masons	1	1	0	0	0
Electricians	5	5	0	0	0
Supervisors, Nonworking	8	8	0	1	1
Heavy Equipment Operators	42	42	0	4	4
Maintenance Repairers, General Utility	9	9	0	1	1
Pipelayers	9	9	0	1	1
Sewage Plant Operators	9	9	0	1	1
Animal Caretakers	8	8	0	2	2
Water Treatment Plant Operators	5	5	0	0	0
Welders &/or Flamecutters	1	1	0	0	0
Service Station/Fuel Pump Attendants	1	1	0	0	0
Highway Maintenance Workers	41	41	0	5	5
Surveyor Helpers	9	9	0	1	1
Gardeners & Groundskeepers	22	22	0	4	4
All Other Operatives & Semiskilled Workers	14	14	0	2	2
All Other Laborers & Unskilled Workers	11	11	0	1	1
TOTAL CLERICAL WORKERS	360	358	0	69	69
Computer Operators	4	4	0	0	0
All Other Office Machine Operators	3	3	0	1	1
Stenographers	9	9	0	2	2
Accounting Clerks	47	46	0	9	9
Cashiers	2	2	0	0	0
File Clerks	1	1	0	0	0
General Office Clerks	80	79	0	17	17
Library Assistants	8	8	0	2	2
Procurement Clerks	2	2	0	0	0
Secretaries	37	37	0	8	8
Statistical Clerks	4	4	0	1	1
Switchboard Operators	4	4	0	1	1
Switchboard Operators/Receptionists	1	1	0	0	0
Typists	44	44	0	11	11
Clerical Supervisors, Office or Plant	13	13	0	2	2
Eligibility Workers	12	12	0	2	2
Court Clerks	14	14	0	3	3
Town Clerks	3	3	0	0	0
License Clerks	26	26	0	5	5
All Other Office Clerical Workers	6	6	0	1	1
Meter Readers, Utilities	4	4	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	6	6	0	1	1
Dispatchers, Police, Fire & Ambulance	30	30	0	3	3
TOTAL SALES WORKERS	1	1	0	0	0
Sales Clerks	1	1	0	0	0
TOTAL ALL OCCUPATIONS	1,418	1,412	0	185	185

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

NAVAJO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	74	74	0	11	11
Public Administration Inspectors	12	12	0	2	2
Construction Inspectors	7	7	0	1	1
Chief Execs., Administrators & Legislators	22	22	0	3	3
Managers & Officers	33	33	0	5	5
TOTAL PROFESSIONAL WORKERS	145	145	0	24	24
Civil Engineers	9	9	0	1	1
Systems Analysts, EDP	1	1	0	0	0
Vocational & Educational Counselors	1	1	0	0	0
Purchasing Agents &/or Buyers	2	2	0	0	0
Accountants & Auditors	6	6	0	1	1
Appraisers	5	5	0	1	1
Caseworkers	22	22	0	4	4
Dietitians &/or Nutritionists	2	2	0	0	0
Employment Interviewers	8	8	0	1	1
Lawyers	8	8	0	1	1
Librarians, Professional	5	5	0	1	1
Nurses, Professional	6	6	0	1	1
Personnel & Labor Relations Specialists	1	1	0	0	0
Community Organization Workers	6	6	0	1	1
Judges	4	4	0	1	1
Magistrates	10	10	0	3	3
Tax Examiners, Collectors &/or Revenue Agents	1	1	0	0	0
Assessors	3	3	0	1	1
Appraisers, Real Estate	10	10	0	2	2
Group Recreation Workers	4	4	0	1	1
All Other Professional Workers	31	31	0	4	4
TOTAL TECHNICAL WORKERS	50	50	0	4	4
Drafters	6	6	0	0	0
Civil Engineering Technicians	26	26	0	3	3
All Other Engineering Technicians	11	11	0	1	1
Science Technicians	2	2	0	0	0
Licensed Practical Nurses	1	1	0	0	0
Technical Assistants, Library	1	1	0	0	0
All Other Technicians	3	3	0	0	0
TOTAL SERVICE WORKERS	203	202	0	17	17
Janitors, Porters & Cleaners	8	8	0	1	1
Cooks, Institution or Cafeteria	2	2	0	0	0
Supervisors, Nonworking-Service	3	3	0	0	0
Recreation Facility Attendants	7	7	0	1	1
Fish & Game Wardens	1	1	0	0	0
Lifeguards	21	21	0	3	3
Social Service Aides	2	2	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	19	19	0	1	1
Detectives, Police	3	3	0	0	0
Police Patrol Officers	59	58	0	3	3
Correction Officers &/or Jailers	23	23	0	5	5
Sheriffs	31	31	0	2	2
Fire Inspectors	2	2	0	0	0
Fire Fighters	17	17	0	1	1
Fire Fighting & Prevention Supervisors	3	3	0	0	0
All Other Service Workers	2	2	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	290	288	0	29	29
Mechanics, Automotive	4	4	0	0	0
Diesel Mechanics	5	5	0	0	0
Engineering Equipment Mechanics	15	15	0	1	1
Mechanics, Maintenance	1	1	0	0	0
Treatment Plant Mechanics	1	1	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

NAVAJO COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Truck Drivers	4	4	0	0	0
Bus Drivers	1	1	0	0	0
Electricians	1	1	0	0	0
Supervisors, Nonworking	22	22	0	2	2
Heavy Equipment Operators	60	59	0	5	5
Maintenance Repairers, General Utility	7	7	0	1	1
Plumbers &/or Pipefitters	3	3	0	0	0
Refuse Collectors	10	10	0	1	1
Sewage Plant Operators	6	6	0	0	0
Animal Caretakers	4	4	0	1	1
Water Treatment Plant Operators	4	4	0	0	0
Service Station/Fuel Pump Attendants	6	6	0	1	1
Highway Maintenance Workers	94	93	0	10	10
Surveyor Helpers	7	7	0	1	1
Gardeners & Groundskeepers	22	22	0	4	4
All Other Operatives & Semiskilled Workers	5	5	0	1	1
All Other Laborers & Unskilled Workers	8	8	0	1	1
TOTAL CLERICAL WORKERS	221	221	0	44	44
All Office Machine Operators	2	2	0	1	1
Stenographers	5	5	0	1	1
Accounting Clerks	16	16	0	3	3
Cashiers	3	3	0	1	1
File Clerks	5	5	0	1	1
General Office Clerks	10	10	0	2	2
Library Assistants	6	6	0	1	1
Payroll &/or Timekeeping Clerks	2	2	0	0	0
Secretaries	27	27	0	6	6
Statistical Clerks	1	1	0	0	0
Typists	38	38	0	10	10
Eligibility Workers	24	24	0	4	4
Court Clerks	8	8	0	2	2
Town Clerks	6	6	0	1	1
License Clerks	26	26	0	5	5
All Other Office Clerical Workers	15	15	0	3	3
Meter Readers, Utilities	3	3	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	1	1	0	0	0
Dispatchers, Police, Fire & Ambulance	23	23	0	3	3
TOTAL SALES WORKERS	2	2	0	0	0
Sales Clerks	2	2	0	0	0
TOTAL ALL OCCUPATIONS	985	982	0	129	129

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

PIMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	685	721	36	97	133
Public Administration Inspectors	174	183	9	24	33
Construction Inspectors	96	101	5	15	20
Chief Execs., Administrators & Legislators	64	67	3	8	11
Managers & Officers	351	370	19	50	69
TOTAL PROFESSIONAL WORKERS	1,958	2,059	101	300	401
Civil Engineers	102	107	5	13	18
Electrical & Electronic Engineers	1	1	0	0	0
Safety Engineers	1	1	0	0	0
Traffic Engineers	4	4	0	1	1
All Other Engineers	11	12	1	1	2
Financial Analysts	4	4	0	0	0
Statisticians	18	19	1	2	3
Chemists	1	1	0	0	0
All Other Physical Scientists	5	5	0	0	0
Agricultural Scientists	3	3	0	0	0
Psychologists	19	20	1	2	3
Urban & Regional Planners	42	44	2	2	4
All Other Social Scientists	3	3	0	0	0
Systems Analysts, EDP	25	26	1	1	2
Teachers, Vocational Education	20	21	1	4	5
Vocational & Educational Counselors	36	38	2	5	7
Photographers	20	21	1	2	3
Purchasing Agents &/or Buyers	19	20	1	2	3
Accountants & Auditors	126	133	7	19	26
Landscape Architects	3	3	0	0	0
Appraisers	1	1	0	0	0
Architects	4	4	0	1	1
Budget Analysts	10	11	1	1	2
Caseworkers	336	354	18	60	78
Commercial Artists	5	5	0	1	1
Dietitians &/or Nutritionists	1	1	0	0	0
Writers &/or Editors	4	4	0	1	1
Employment Interviewers	99	104	5	12	17
Law Clerks	13	14	1	1	2
Lawyers	138	145	7	15	22
Librarians, Professional	83	87	4	18	22
Curators, Museum	3	3	0	0	0
Nurses, Professional	107	113	6	20	26
Occupational Therapists	9	9	0	1	1
Paralegal Personnel	2	2	0	0	0
Personnel & Labor Relations Specialists	32	34	2	4	6
Physical Therapists	8	8	0	1	1
Physicians &/or Surgeons	11	12	1	2	3
Public Relations Practitioners	5	5	0	1	1
Right-of-Way Agents	17	18	1	2	3
Veterinarians	1	1	0	0	0
Community Organization Workers	48	51	3	9	12
Welfare Investigators	15	16	1	3	4
Judges	28	29	1	8	9
Magistrates	19	20	1	5	6
Tax Examiners, Collectors &/or Revenue Agents	11	12	1	2	3
Assessors	70	74	4	20	24
All Other Therapists	3	3	0	0	0
Appraisers, Real Estate	6	6	0	1	1
Group Recreation Workers	195	205	10	28	38
Manual Arts, Music &/or Recreation Therapists	3	3	0	0	0
Speech Pathologists &/or Audiologists	5	5	0	1	1
Claims Takers, Unemployment Benefits	13	14	1	2	3
All Other Professional Workers	190	200	10	26	36
TOTAL TECHNICAL WORKERS	493	517	24	65	89

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

PIMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Computer Programmers	42	44	2	2	4
Drafters	72	76	4	6	10
Electrical & Electronic Technicians	46	48	2	3	5
Surveyors	19	20	1	1	2
Traffic Technicians	8	8	0	1	1
Civil Engineering Technicians	85	90	5	11	16
All Other Engineering Technicians	18	19	1	2	3
Science Technicians	4	4	0	0	0
Licensed Practical Nurses	65	68	3	14	17
Physician's Assistants	8	8	0	2	2
Museum Technicians &/or Restorers	3	3	0	0	0
Radio Operators	18	19	1	2	3
Technical Assistants, Library	55	58	3	13	16
Medical & Dental Technicians & Technologists	2	2	0	0	0
Emergency Medical Technicians	4	4	0	3	3
All Other Technicians	44	46	2	5	7
TOTAL SERVICE WORKERS	2,667	2,807	140	323	463
Janitors, Porters & Cleaners	106	112	6	19	25
Guards & Doorkeepers	23	24	1	1	2
Kitchen Helpers	23	24	1	4	5
Cooks, Institution or Cafeteria	32	34	2	5	7
All Other Food Service Workers	27	28	1	5	6
Supervisors, Nonworking-Service	57	60	3	6	9
Nurse's Aides &/or Orderlies	124	131	7	27	34
Recreation Facility Attendants	27	28	1	4	5
Forest Conservation Workers	1	1	0	0	0
Fish & Game Wardens	1	1	0	0	0
Child-Care Workers	226	238	12	60	72
Lifeguards	1	1	0	0	0
Social Service Aides	25	26	1	4	5
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	207	218	11	11	22
Detectives, Police	84	88	4	5	9
Police Patrol Officers	735	774	39	40	79
Correction Officers &/or Jailers	412	434	22	91	113
Sheriffs	7	7	0	1	1
Bailiffs	24	25	1	2	3
Fire Inspectors	18	19	1	1	2
Fire Fighters	331	349	18	19	37
Fire Fighting & Prevention Supervisors	120	126	6	7	13
All Other Service Workers	56	59	3	11	14
TOTAL MAINTENANCE & PRODUCTION WORKERS	1,745	1,837	92	183	275
Mechanics, Automotive	61	64	3	5	8
Diesel Mechanics	1	1	0	0	0
Engineering Equipment Mechanics	57	60	3	5	8
Mechanics, Maintenance	88	93	5	8	13
Radio Mechanics	2	2	0	0	0
All Other Mechanics & Repairers	16	17	1	1	2
Truck Drivers	38	40	2	3	5
Carpenters	18	19	1	2	3
Cement Masons	4	4	0	0	0
Delivery &/or Route Workers	1	1	0	0	0
Electricians	43	45	2	4	6
Supervisors, Nonworking	105	111	6	12	18
Heavy Equipment Operators	250	263	13	21	34
Instrument Repairers	10	11	1	1	2
Maintenance Repairers, General Utility	47	49	2	4	6
Helpers, Trades	52	55	3	6	9
Painters, Maintenance	21	22	1	3	4
Pipelayers	76	80	4	9	13
Plumbers &/or Pipefitters	13	14	1	1	2

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

PIMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Press Operators	11	12	1	1	2
Refuse Collectors	164	173	9	10	19
Sewage Plant Operators	82	86	4	5	9
Stationary Engineers	5	5	0	1	1
Animal Caretakers	19	20	1	4	5
Pump Station Operators	11	12	1	1	2
Welders &/or Flamecutters	17	18	1	2	3
Service Station/Fuel Pump Attendants	44	46	2	5	7
Highway Maintenance Workers	122	128	6	14	20
Surveyor Helpers	54	57	3	6	9
Gardeners & Groundskeepers	171	180	9	33	42
All Other Skilled Craft Workers	9	9	0	1	1
All Other Operatives & Semiskilled Workers	35	37	2	4	6
All Other Laborers & Unskilled Workers	98	103	5	11	16
TOTAL CLERICAL WORKERS	2,222	2,339	117	444	561
Computer Operators	26	27	1	3	4
Keypunch Operators	26	27	1	6	7
Peripheral EDP Equipment Operators	50	53	3	12	15
Stenographers	40	42	2	8	10
Accounting Clerks	160	168	8	31	39
Bookkeepers, Hand	2	2	0	0	0
Cashiers	62	65	3	13	16
File Clerks	30	32	2	8	10
General Office Clerks	406	428	22	87	109
Library Assistants	57	60	3	13	16
Payroll &/or Timekeeping Clerks	4	4	0	1	1
Personnel Clerks	10	11	1	3	4
Procurement Clerks	7	7	0	1	1
Receptionists	4	4	0	1	1
Secretaries	355	374	19	81	100
Statistical Clerks	45	47	2	10	12
Switchboard Operators	11	12	1	3	4
Switchboard Operators/Receptionists	19	20	1	5	6
Typists	181	191	10	46	56
Clerical Supervisors, Office or Plant	101	106	5	12	17
Eligibility Workers	126	133	7	22	29
Court Clerks	87	92	5	19	24
Town Clerks	10	11	1	1	2
License Clerks	50	53	3	11	14
All Other Office Clerical Workers	82	86	4	18	22
Meter Readers, Utilities	26	27	1	2	3
Production Clerks &/or Coordinators	46	48	2	5	7
Shipping/Receiving Clerks	4	4	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	60	63	3	7	10
Dispatchers, Vehicle, Service or Work	16	17	1	2	3
Dispatchers, Police, Fire & Ambulance	119	125	6	13	19
TOTAL SALES WORKERS	57	60	3	8	11
Sales Agents, Associates &/or Representatives	5	5	0	1	1
Sales Clerks	52	55	3	7	10
TOTAL ALL OCCUPATIONS	9,827	10,340	513	1,420	1,933

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

PINAL COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	196	194	0	26	26
Public Administration Inspectors	30	30	0	4	4
Construction Inspectors	3	3	0	0	0
Chief Execs., Administrators & Legislators	50	49	0	6	6
Managers & Officers	113	112	0	16	16
TOTAL PROFESSIONAL WORKERS	444	442	0	71	71
Civil Engineers	2	2	0	0	0
All Other Engineers	4	4	0	0	0
Statisticians	1	1	0	0	0
Psychologists	9	9	0	1	1
Urban & Regional Planners	3	3	0	0	0
Systems Analysts, EDP	5	5	0	0	0
Teachers, Vocational Education	43	43	0	8	8
Vocational & Educational Counselors	14	14	0	2	2
Photographers	1	1	0	0	0
Purchasing Agents &/or Buyers	8	8	0	1	1
Accountants & Auditors	13	13	0	2	2
Caseworkers	62	61	0	11	11
Dietitians &/or Nutritionists	6	6	0	1	1
Employment Interviewers	36	36	0	4	4
Law Clerks	2	2	0	0	0
Lawyers	18	18	0	2	2
Librarians, Professional	14	14	0	3	3
Nurses, Professional	41	41	0	8	8
Personnel & Labor Relations Specialists	2	2	0	0	0
Physicians &/or Surgeons	10	10	0	1	1
Community Organization Workers	13	13	0	2	2
Welfare Investigators	14	14	0	2	2
Judges	7	7	0	2	2
Magistrates	22	22	0	6	6
Assessors	2	2	0	1	1
All Therapists	11	11	0	2	2
Appraisers, Real Estate	14	14	0	3	3
Group Recreation Workers	9	9	0	1	1
Claims Takers, Unemployment Benefits	3	3	0	0	0
All Other Professional Workers	55	54	0	8	8
TOTAL TECHNICAL WORKERS	70	70	0	11	11
Computer Programmers	1	1	0	0	0
Drafters	11	11	0	1	1
Electrical & Electronic Technicians	1	1	0	0	0
Surveyors	2	2	0	0	0
Civil Engineering Technicians	12	12	0	2	2
All Other Engineering Technicians	3	3	0	0	0
Licensed Practical Nurses	24	24	0	5	5
Physician's Assistants	3	3	0	1	1
Technical Assistants, Library	2	2	0	0	0
Medical & Dental Technicians & Technologists	6	6	0	1	1
Emergency Medical Technicians	1	1	0	1	1
All Other Technicians	4	4	0	0	0
TOTAL SERVICE WORKERS	2,253	2,228	0	451	451
Janitors, Porters & Cleaners	75	74	0	13	13
Guards & Doorkeepers	6	6	0	0	0
Cooks, Institution or Cafeteria	32	32	0	5	5
Supervisors, Nonworking-Service	47	46	0	5	5
Nurse's Aides &/or Orderlies	1	1	0	0	0
Recreation Facility Attendants	12	12	0	2	2
Forest Conservation Workers	7	7	0	0	0
Child-Care Workers	589	583	0	154	154
Social Service Aides	1	1	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	67	66	0	4	4

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

PINAL COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Detectives, Police	9	9	0	0	0
Police Patrol Officers	104	103	0	6	6
Correction Officers &/or Jailers	1,148	1,135	0	250	250
Sheriffs	94	93	0	7	7
Bailiffs	4	4	0	0	0
Fire Fighters	46	45	0	3	3
Fire Fighting & Prevention Supervisors	3	3	0	0	0
All Other Service Workers	8	8	0	2	2
TOTAL MAINTENANCE & PRODUCTION WORKERS	450	446	0	45	45
Mechanics, Automotive	8	8	0	1	1
Engineering Equipment Mechanics	12	12	0	1	1
Mechanics, Maintenance	4	4	0	0	0
All Other Mechanics & Repairers	4	4	0	0	0
Truck Drivers	13	13	0	1	1
Bus Drivers	1	1	0	0	0
Carpenters	1	1	0	0	0
Electricians	7	7	0	1	1
Supervisors, Nonworking	11	11	0	1	1
Heavy Equipment Operators	80	79	0	7	7
Line Installers/Repairers	11	11	0	1	1
Maintenance Repairers, General Utility	48	47	0	4	4
Helpers, Trades	5	5	0	1	1
Painters, Maintenance	3	3	0	0	0
Pipelayers	2	2	0	0	0
Plumbers &/or Pipefitters	6	6	0	1	1
Press Operators	16	16	0	1	1
Refuse Collectors	30	30	0	2	2
Sewage Plant Operators	5	5	0	0	0
Animal Caretakers	8	8	0	2	2
Water Treatment Plant Operators	2	2	0	0	0
Welders &/or Flamecutters	2	2	0	0	0
Highway Maintenance Workers	62	61	0	7	7
Gardeners & Groundskeepers	29	29	0	5	5
Ambulance Drivers &/or Attendants	10	10	0	1	1
All Other Operatives & Semiskilled Workers	1	1	0	0	0
All Other Laborers & Unskilled Workers	69	68	0	8	8
TOTAL CLERICAL WORKERS	625	619	0	126	126
Bookkeeping &/or Billing Machine Operators	1	1	0	0	0
Computer Operators	5	5	0	1	1
Peripheral EDP Equipment Operators	3	3	0	1	1
Stenographers	10	10	0	2	2
Accounting Clerks	56	55	0	11	11
Bookkeepers, Hand	3	3	0	1	1
Cashiers	7	7	0	1	1
File Clerks	11	11	0	3	3
General Office Clerks	100	99	0	21	21
Library Assistants	6	6	0	1	1
Personnel Clerks	5	5	0	1	1
Secretaries	82	81	0	18	18
Statistical Clerks	6	6	0	1	1
Switchboard Operators	13	13	0	3	3
Switchboard Operators/Receptionists	10	10	0	3	3
Typists	119	118	0	30	30
Clerical Supervisors, Office or Plant	24	24	0	3	3
Eligibility Workers	32	32	0	6	6
Court Clerks	48	47	0	10	10
Town Clerks	8	8	0	1	1
License Clerks	1	1	0	0	0
All Other Office Clerical Workers	7	7	0	1	1
Meter Readers, Utilities	7	7	0	0	0
Shipping &/or Receiving Clerks	6	6	0	1	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

PINAL COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Stock Clerks, Stockroom, Warehouse or Storage	7	7	0	1	1
Dispatchers, Police, Fire & Ambulance	48	47	0	5	5
TOTAL ALL OCCUPATIONS	4,038	3,999	0	730	730

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

SANTA CRUZ COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	37	37	0	4	4
Public Administration Inspectors	15	15	0	2	2
Construction Inspectors	2	2	0	0	0
Chief Execs., Administrators & Legislators	10	10	0	1	1
Managers & Officers	10	10	0	1	1
TOTAL PROFESSIONAL WORKERS	69	69	0	11	11
Civil Engineers	1	1	0	0	0
Vocational & Educational Counselors	1	1	0	0	0
Appraisers	4	4	0	1	1
Budget Analysts	1	1	0	0	0
Caseworkers	16	16	0	3	3
Dietitians &/or Nutritionists	1	1	0	0	0
Employment Interviewers	6	6	0	1	1
Law Clerks	3	3	0	0	0
Lawyers	4	4	0	0	0
Nurses, Professional	3	3	0	1	1
Physicians &/or Surgeons	2	2	0	0	0
Veterinarians	1	1	0	0	0
Community Organization Workers	3	3	0	1	1
Welfare Investigators	14	14	0	2	2
Judges	2	2	0	1	1
Magistrates	3	3	0	1	1
Assessors	1	1	0	0	0
Group Recreation Workers	1	1	0	0	0
All Other Professional Workers	2	2	0	0	0
TOTAL TECHNICAL WORKERS	19	19	0	2	2
Drafters	9	9	0	1	1
Traffic Technicians	1	1	0	0	0
Civil Engineering Technicians	7	7	0	1	1
Licensed Practical Nurses	1	1	0	0	0
Technical Assistants, Library	1	1	0	0	0
TOTAL SERVICE WORKERS	115	115	0	10	10
Janitors, Porters & Cleaners	3	3	0	1	1
Recreation Facility Attendants	5	5	0	1	1
Forest Conservation Workers	2	2	0	0	0
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	6	6	0	0	0
Police Patrol Officers	43	43	0	2	2
Correction Officers &/or Jailers	11	11	0	2	2
Sheriffs	4	4	0	0	0
Fire Inspectors	3	3	0	0	0
Fire Fighters	20	20	0	1	1
Fire Fighting & Prevention Supervisors	1	1	0	0	0
All Other Service Workers	17	17	0	3	3
TOTAL MAINTENANCE & PRODUCTION WORKERS	124	124	0	11	11
Heavy Equipment Operators	15	15	0	1	1
Maintenance Repairers, General Utility	4	4	0	0	0
Pipelayers	1	1	0	0	0
Refuse Collectors	15	15	0	1	1
Sewage Plant Operators	8	8	0	0	0
Animal Caretakers	3	3	0	1	1
Water Treatment Plant Operators	16	16	0	1	1
Highway Maintenance Workers	14	14	0	2	2
Surveyor Helpers	4	4	0	0	0
Gardeners & Groundskeepers	2	2	0	0	0
All Other Laborers & Unskilled Workers	42	42	0	5	5
TOTAL CLERICAL WORKERS	73	73	0	15	15
Stenographers	2	2	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

SANTA CRUZ COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Accounting Clerks	11	11	0	2	2
Bookkeepers, Hand	1	1	0	0	0
File Clerks	2	2	0	1	1
General Office Clerks	5	5	0	1	1
Library Assistants	3	3	0	1	1
Receptionists	1	1	0	0	0
Secretaries	5	5	0	1	1
Typists	19	19	0	5	5
Clerical Supervisors, Office or Plant	2	2	0	0	0
Eligibility Workers	4	4	0	1	1
Court Clerks	5	5	0	1	1
Town Clerks	1	1	0	0	0
License Clerks	3	3	0	1	1
Dispatchers, Police, Fire & Ambulance	9	9	0	1	1
TOTAL ALL OCCUPATIONS	437	437	0	53	53

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

YAVAPAI COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	114	114	0	15	15
Public Administration Inspectors	22	22	0	3	3
Construction Inspectors	7	7	0	1	1
Chief Execs., Administrators & Legislators	44	44	0	5	5
Managers & Officers	41	41	0	6	6
TOTAL PROFESSIONAL WORKERS	195	195	0	33	33
Civil Engineers	20	20	0	3	3
Biological Scientists	2	2	0	0	0
Urban & Regional Planners	3	3	0	0	0
Vocational & Educational Counselors	4	4	0	1	1
Purchasing Agents &/or Buyers	1	1	0	0	0
Accountants & Auditors	5	5	0	1	1
Budget Analysts	1	1	0	0	0
Caseworkers	28	28	0	5	5
Commercial Artists	1	1	0	0	0
Dietitians &/or Nutritionists	5	5	0	1	1
Employment Interviewers	11	11	0	1	1
Lawyers	13	13	0	1	1
Librarians, Professional	6	6	0	1	1
Curators, Museum	5	5	0	1	1
Nurses, Professional	31	31	0	6	6
Personnel & Labor Relations Specialists	1	1	0	0	0
Community Organization Workers	4	4	0	1	1
Welfare Investigators	1	1	0	0	0
Judges	4	4	0	1	1
Magistrates	11	11	0	3	3
Assessors	19	19	0	5	5
All Therapists	2	2	0	0	0
Appraisers, Real Estate	1	1	0	0	0
Group Recreation Workers	3	3	0	0	0
All Other Professional Workers	13	13	0	2	2
TOTAL TECHNICAL WORKERS	76	76	0	8	8
Drafters	6	6	0	0	0
Surveyors	1	1	0	0	0
Civil Engineering Technicians	41	41	0	5	5
All Other Engineering Technicians	10	10	0	1	1
Science Technicians	5	5	0	0	0
Licensed Practical Nurses	9	9	0	2	2
Technical Assistants, Library	2	2	0	0	0
All Other Technicians	2	2	0	0	0
TOTAL SERVICE WORKERS	436	432	0	45	45
Janitors, Porters & Cleaners	34	34	0	6	6
Guards & Doorkeepers	2	2	0	0	0
Cooks, Institution or Cafeteria	7	7	0	1	1
Supervisors, Nonworking-Service	4	4	0	0	0
Nurse's Aides &/or Orderlies	50	49	0	11	11
Recreation Facility Attendants	6	6	0	1	1
Forest Conservation Workers	12	12	0	1	1
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	24	24	0	1	1
Detectives, Police	3	3	0	0	0
Police Patrol Officers	162	160	0	9	9
Parking Enforcement Officers	1	1	0	0	0
Correction Officers &/or Jailers	27	27	0	6	6
Sheriffs	1	1	0	0	0
Bailiffs	3	3	0	0	0
Fire Inspectors	1	1	0	0	0
Fire Fighters	58	57	0	3	3
Fire Fighting & Prevention Supervisors	14	14	0	1	1
All Other Service Workers	27	27	0	5	5

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

YAVAPAI COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MAINTENANCE & PRODUCTION WORKERS	308	306	0	33	33
Mechanics, Automotive	9	9	0	1	1
Diesel Mechanics	4	4	0	0	0
Engineering Equipment Mechanics	18	18	0	1	1
Mechanics, Maintenance	1	1	0	0	0
Truck Drivers	11	11	0	1	1
Carpenters	3	3	0	0	0
Electricians	2	2	0	0	0
Supervisors, Nonworking	17	17	0	2	2
Heavy Equipment Operators	54	53	0	5	5
Maintenance Repairers, General Utility	18	18	0	2	2
Helpers, Trades	2	2	0	0	0
Painters, Maintenance	2	2	0	0	0
Refuse Collectors	1	1	0	0	0
Sewage Plant Operators	4	4	0	0	0
Animal Caretakers	9	9	0	2	2
Water Treatment Plant Operators	2	2	0	0	0
Welders &/or Flamecutters	2	2	0	0	0
Service Station/Fuel Pump Attendants	7	7	0	1	1
Highway Maintenance Workers	68	67	0	8	8
Surveyor Helpers	13	13	0	1	1
Gardeners & Groundskeepers	21	21	0	4	4
All Other Operatives & Semiskilled Workers	14	14	0	2	2
All Other Laborers & Unskilled Workers	26	26	0	3	3
TOTAL CLERICAL WORKERS	292	291	0	58	58
Computer Operators	2	2	0	0	0
Keypunch Operators	2	2	0	0	0
Peripheral EDP Equipment Operators	1	1	0	0	0
Stenographers	25	25	0	5	5
Accounting Clerks	34	34	0	7	7
Bookkeepers, Hand	2	2	0	0	0
Cashiers	9	9	0	2	2
File Clerks	1	1	0	0	0
General Office Clerks	4	4	0	1	1
Library Assistants	10	10	0	2	2
Payroll &/or Timekeeping Clerks	4	4	0	1	1
Personnel Clerks	3	3	0	1	1
Receptionists	3	3	0	1	1
Secretaries	29	29	0	6	6
Switchboard Operators/Receptionists	4	4	0	1	1
Typists	71	70	0	18	18
Clerical Supervisors, Office or Plant	2	2	0	0	0
Eligibility Workers	12	12	0	2	2
Court Clerks	38	38	0	8	8
Town Clerks	3	3	0	0	0
License Clerks	1	1	0	0	0
All Other Office Clerical Workers	1	1	0	0	0
Meter Readers, Utilities	3	3	0	0	0
Shipping &/or Receiving Clerks	1	1	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	4	4	0	0	0
Dispatchers, Police, Fire & Ambulance	23	23	0	3	3
TOTAL ALL OCCUPATIONS	1,421	1,414	0	192	192

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

YUMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
TOTAL MANAGERS & OFFICERS	211	209	0	29	29
Public Administration Inspectors	87	86	0	12	12
Construction Inspectors	7	7	0	1	1
Chief Execs., Administrators & Legislators	37	37	0	5	5
Managers & Officers	80	79	0	11	11
TOTAL PROFESSIONAL WORKERS	192	192	0	29	29
Civil Engineers	5	5	0	1	1
Financial Analysts	1	1	0	0	0
Chemists	1	1	0	0	0
Urban & Regional Planners	4	4	0	0	0
Vocational & Educational Counselors	3	3	0	0	0
Photographers	2	2	0	0	0
Purchasing Agents &/or Buyers	1	1	0	0	0
Accountants & Auditors	4	4	0	1	1
Landscape Architects	1	1	0	0	0
Caseworkers	39	39	0	7	7
Dietitians &/or Nutritionists	1	1	0	0	0
Employment Interviewers	30	30	0	3	3
Law Clerks	4	4	0	0	0
Lawyers	9	9	0	1	1
Librarians, Professional	12	12	0	3	3
Curators, Museum	1	1	0	0	0
Nurses, Professional	10	10	0	2	2
Occupational Therapists	1	1	0	0	0
Personnel & Labor Relations Specialists	1	1	0	0	0
Physicians &/or Surgeons	1	1	0	0	0
Right-of-Way Agents	1	1	0	0	0
Veterinarians	2	2	0	0	0
Community Organization Workers	5	5	0	1	1
Welfare Investigators	4	4	0	1	1
Judges	4	4	0	1	1
Magistrates	11	11	0	3	3
Tax Examiners, Collectors &/or Revenue Agents	9	9	0	1	1
Appraisers, Real Estate	5	5	0	1	1
Group Recreation Workers	4	4	0	1	1
All Other Professional Workers	16	16	0	2	2
TOTAL TECHNICAL WORKERS	41	41	0	4	4
Computer Programmers	2	2	0	0	0
Drafters	7	7	0	1	1
Surveyors	1	1	0	0	0
Traffic Technicians	1	1	0	0	0
Civil Engineering Technicians	10	10	0	1	1
All Other Engineering Technicians	4	4	0	0	0
Science Technicians	1	1	0	0	0
Licensed Practical Nurses	2	2	0	0	0
Physician's Assistants	8	8	0	2	2
Technical Assistants, Library	1	1	0	0	0
All Other Technicians	4	4	0	0	0
TOTAL SERVICE WORKERS	363	361	0	31	31
Janitors, Porters & Cleaners	7	7	0	1	1
Cooks, Institution or Cafeteria	2	2	0	0	0
Nurse's Aides &/or Orderlies	10	10	0	2	2
Recreation Facility Attendants	25	25	0	4	4
Forest Conservation Workers	6	6	0	0	0
Fish & Game Wardens	1	1	0	0	0
Child-Care Workers	7	7	0	2	2
Police/Detective Supervisors (Lieutenants, Sergeants, etc.)	42	42	0	2	2
Detectives, Police	3	3	0	0	0
Police Patrol Officers	109	108	0	6	6

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

YUMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Correction Officers &/or Jailers	38	38	0	8	8
Sheriffs	30	30	0	2	2
Bailiffs	3	3	0	0	0
Fire Inspectors	3	3	0	0	0
Fire Fighters	57	56	0	3	3
Fire Fighting & Prevention Supervisors	18	18	0	1	1
All Other Service Workers	2	2	0	0	0
TOTAL MAINTENANCE & PRODUCTION WORKERS	343	343	0	33	33
Mechanics, Automotive	11	11	0	1	1
Diesel Mechanics	9	9	0	1	1
Engineering Equipment Mechanics	7	7	0	1	1
Mechanics, Maintenance	9	9	0	1	1
Treatment Plant Mechanics	4	4	0	0	0
Water Meter Installers	2	2	0	0	0
Truck Drivers	31	31	0	2	2
Carpenters	1	1	0	0	0
Electricians	9	9	0	1	1
Supervisors, Nonworking	21	21	0	2	2
Heavy Equipment Operators	27	27	0	2	2
Instrument Repairers	1	1	0	0	0
Machinists	1	1	0	0	0
Maintenance Repairers, General Utility	24	24	0	2	2
Helpers, Trades	3	3	0	0	0
Painters, Maintenance	2	2	0	0	0
Refuse Collectors	7	7	0	0	0
Sewage Plant Operators	5	5	0	0	0
Stationary Engineers	1	1	0	0	0
Animal Caretakers	1	1	0	0	0
Water Treatment Plant Operators	16	16	0	1	1
Pump Station Operators, Waterworks	30	30	0	3	3
Welders &/or Flamecutters	2	2	0	0	0
Service Station/Fuel Pump Attendants	2	2	0	0	0
Highway Maintenance Workers	39	39	0	4	4
Surveyor Helpers	1	1	0	0	0
Gardeners & Groundskeepers	42	42	0	8	8
All Other Operatives & Semiskilled Workers	3	3	0	0	0
All Other Laborers & Unskilled Workers	32	32	0	4	4
TOTAL CLERICAL WORKERS	309	308	0	64	64
Bookkeeping &/or Billing Machine Operators	5	5	0	1	1
Computer Operators	2	2	0	0	0
Peripheral EDP Equipment Operators	1	1	0	0	0
All Other Office Machine Operators	4	4	0	1	1
Stenographers	3	3	0	1	1
Accounting Clerks	19	19	0	4	4
Bookkeepers, Hand	3	3	0	1	1
Cashiers	2	2	0	0	0
File Clerks	29	29	0	8	8
General Office Clerks	31	31	0	7	7
Library Assistants	22	22	0	5	5
Payroll &/or Timekeeping Clerks	2	2	0	0	0
Receptionists	1	1	0	0	0
Secretaries	34	34	0	8	8
Switchboard Operators	2	2	0	1	1
Switchboard Operators/Receptionists	2	2	0	1	1
Typists	46	45	0	12	12
Clerical Supervisors, Office or Plant	6	6	0	1	1
Eligibility Workers	21	21	0	4	4
Court Clerks	27	27	0	6	6
Town Clerks	3	3	0	0	0
License Clerks	2	2	0	0	0
All Other Office Clerical Workers	2	2	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS
STATE AND LOCAL GOVERNMENTS

YUMA COUNTY

	Estimated 1982 Employment	Projected 1986 Employment	Job Openings Due to Growth 1982-1986	Job Openings Due to Separations 1982-1986	Total Job Openings 1982-1986
Meter Readers, Utilities	7	7	0	0	0
Shipping &/or Receiving Clerks	1	1	0	0	0
Stock Clerks, Stockroom, Warehouse or Storage	3	3	0	0	0
Dispatchers, Police, Fire & Ambulance	28	28	0	3	3
All Other Plant Clerical Workers	1	1	0	0	0
TOTAL ALL OCCUPATIONS	1,459	1,454	0	190	190

METHODOLOGY

Sample Selection and Response Rates

Using standardized survey forms provided by the Department of Labor, a survey of all state and local government units was conducted. Excluded from the survey were education and hospital facilities. Response rates for state and local units were 100 and 90 percent, respectively. Units responding in local government accounted for 99 percent of the sector's employment.

To develop federal occupational employment data, the Department of Economic Security obtained from the U.S. Civil Service Commission a complete account of Arizona's civilian federal occupational employment in 1980.

Employment Projections

Projecting occupational employment and demand is accomplished in two basic stages. First, government employment estimates are developed for the target years. These forecasts are computed using an econometric model driven by forecast values for variables such as national unemployment, interest rates, and industrial production. Staffing pattern ratios, as determined by the OES survey and other resources, are then applied to the industry employment projections and represents the second stage of the forecasting methodology.

Employment data represent the annual average for the specified year. "Job Opportunities" indicates the average number of job openings (based on the annual average employment) for the period between corresponding months of the specified years. The projection technique does not possess the degree of accuracy that may be implied by small employment and demand figures.

Job Openings

The difference between 1982 and 1986 employment for each occupation represents expected job openings due to growth. Job openings due to separations are calculated by applying an occupation's separation rate[1] to the occupational employment projections. "Total Job Openings" is the sum of openings due to growth and separations. These data do not include openings resulting from turnover, i.e., openings created when a worker changes jobs.

Limitations of the Data

The projection method does not account for cyclical, seasonal, and such external factors as sudden discontinuations or initiations of major government programs.

Employment forecasts for the nonmetropolitan counties are based on growth rates developed for the "balance of state" (Arizona less Maricopa and Pima counties) rather than for individual counties.

[1] "Tomorrow's Manpower Needs," Supplement No. 4, BLS, 1974, pp. 11-16.

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